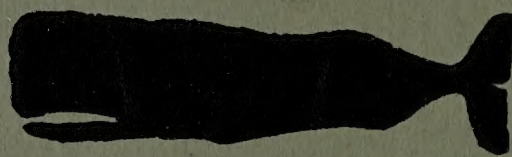


Oren B Higgins

O B 76 Difference of Dist
and Chron
2' 56"

3.04
1.01
2.03
2256
256

Nicholson
Whaling
Collection



Gift of
Paul C. Nicholson
Providence Public
Library

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1.54
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4.157
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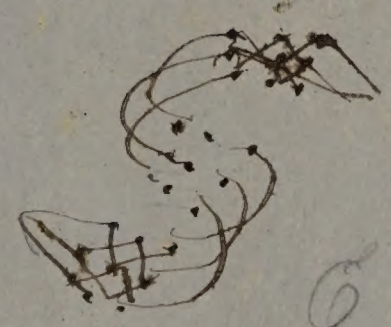
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1149

4172
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1628
1928

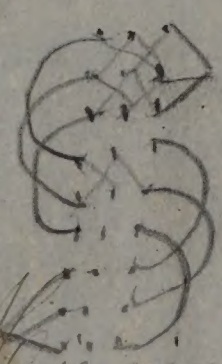
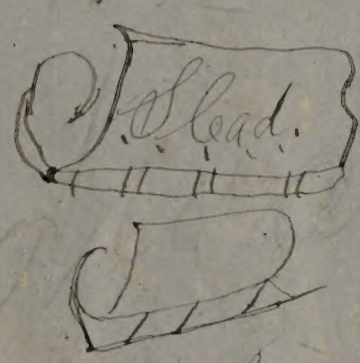
344

341

20
60
120



20
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20



Edward O. Higgins

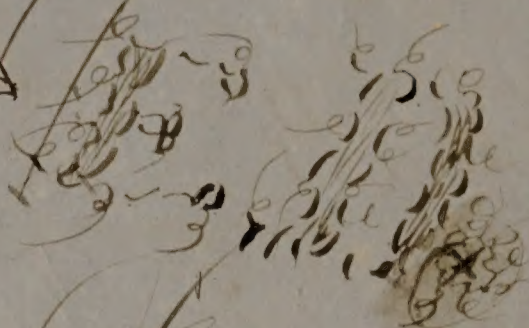
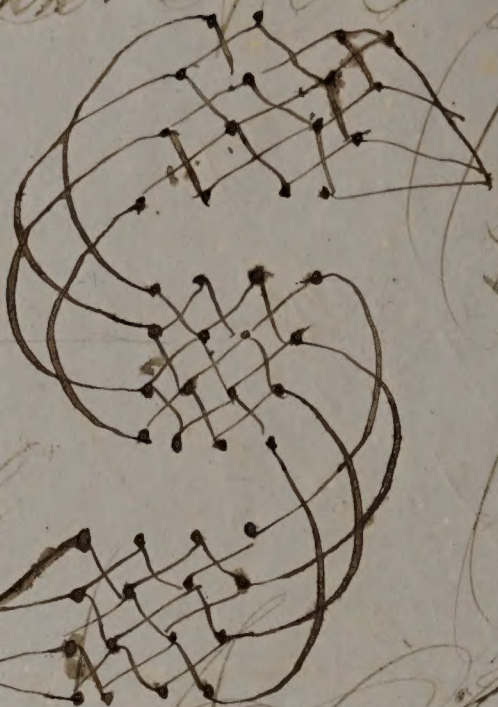
72
20
140

Edward O. Higgins,
South Dartmouth
Mass

Edward Higgins

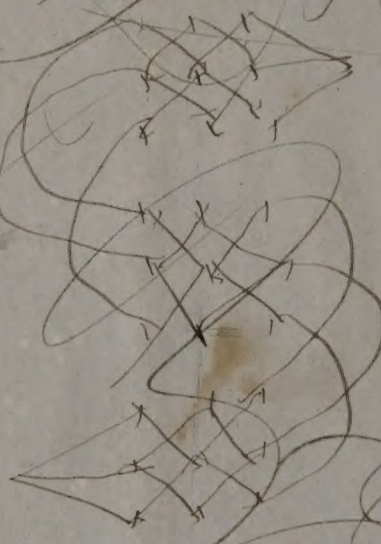
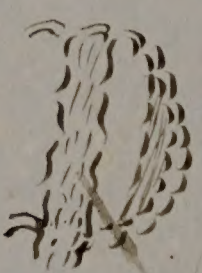
John. M. J. B. & E. E. E. M. M.

Paro



Crocker.

W. G. S.



Edw.

Edw.

Edw.

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Edw.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

ABB BB

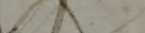
103
 30
 74
 103
 30
 74

80
73

106

Mary Sherman

Gov. Dartmouth



7272 72 123456

[Faint, illegible handwriting]

[Faint cursive handwriting, likely bleed-through from the reverse side.]

19

Handwritten text, likely bleed-through from the reverse side of the page, including the word "received" and some illegible numbers and names.

South Dartmouth May 11. 1865

Edward C. Higgins Dr.

To Wm Jeffers for Stock 1 04 1 14

I have worked to day 2 hours 20

I have worked to day 1 hour 10

I have worked to day 11 hours 80

Paid Paid Paid 1 40 Paid

South Dartmouth the 20 1 04 4 14

Wm Jeffers owes me Dr. 69 Paid

To Edward C Higgins

For working

17 I have worked 10 hours 60

18 I have " 11 hours 60

19 I have " 10 hours 60

20 I have " 16 1/2 36

21 I have worked 9 hours 54

22 Paid Cash 2 43 Paid

24 I have worked 6 30

25 I have worked 3 30

26 I have worked 5 30

27 I have worked 3 18

28 Paid Cash 1 14

29

30

31

1.38 Governor Carver 27 123456
 July 18th 1854 27 21.51.50 22.15 (5.22)
 8.18.33 41.31 11.21.8 2.57 2.57 2.57 20
 8.16.55 41.42 9.42.278 21.49 2.57 2.57 20
 5.22 39.26 9.73.552 68.11
 8.11.33 68.11 1900.276
 3.32.56 149.19 9.651.98
 4.38.37 74.39
 69.39.15 41.42
 32.57

Lat at noon 39.38 North
 Low at noon 69.48 West

Friday July 14th 1854
 1.415 35 8.36.50 37.46 10.848 21.42.54 23.08
 1.41 2.44 9.03.179 21.39.23 18.464
 8.35.09 37.57 9.47.654 20.00 11.54
 5.29 38.50 9.75.441 68.21 19.6.18
 8.24.40 68.21 19.37.120 3.86.18
 3.52.00 45.08 9.68.560
 4.37.40 82.34
 Low 69.25 37.57
 34.37

1.45 035 Saturday July 15th 1854
 8.21.09 39.02 10.51.5 21.33.45 24
 1.45 11 03.132 3.20 8
 8.19.24 39.13 9.46.594 21.30.25 192
 5.36 38.17 9.74.512 90.00 200
 8.13.48 68.30 19.34.753 68.30 3.20
 3.45.12 46.00
 4.28.36 43.00
 Low 67.09 39.83
 33.47

1.485 35 Sunday July 16th 1854
 Lat by Est 38.11
 Low 65.40

1.52 35 Monday July 17th 1854
 7.18.18 47.27 11.31.2 21.14.11 25.81
 1.55 11 03.038 3 180.67
 7.15.23 47.38 9.31.728 21.11 80
 5.48 39.35 9.70.396 9.44.00
 7.10.35 68.49 19.16.474 68.49
 2.59.48 156.02 9.58.237
 4.10.47 78.01
 62.41.45 47.38
 30.23

Saw Blackfish
 Lowered got none

1.555 Tuesday 18th 1854
 8.28.06 30.86 10.98.0 21.03.518 26.71
 1.55 11 02.985 3.47 8
 8.26.11 31.09 9.54.263 21.00 21.36.8
 5.03 39.03 9.79.383 90.00 13.95
 8.21.08 69.00 19.47.611 69.00 22.7.03
 4.25.24 139.10 9.73.805 3.47
 3.55.48 69.35
 5.8.57 31.07
 38.28

155-5-
155-
835

Wednesday 19th 1854

8.37.45	26.40	20.53.10	27.59
1.59	11	3.55	8
8.35.46	26.51	10466	220.82
5.57	38.12	02932	1399
8.29.49	69.11	9.58979	934.51
4.46.24	134.14	9.81047	354
3.43.25	67.07	19.53424	
55.51.15	26.57	9.76712	
	40.16		

2.045
35

Thursday 20th 1854

7.15.37	41.26	09657	20.42.09	2847
2.02	11	02884	323	7
7.13.35	41.37	9.44341	20.39	19929
6.01	36.48	972743	90.00	356
7.07.34	69.21	19.29619	69.21	20385
3.31.15	147.46	964809		3.23
3.36.19	73.53			
54.4.45	41.37			
	32.16			

Friday 21st 1854

2.06
35

7.29.56	37.36	8815	20.30.45	2933
2.06	11	2827	3.37	7
7.27.50	37.47	9.50378	20.27	20531
6.04	35.17	9.74208	90.00	1466
7.21.46	69.33	19.36448	69.33	21997
3.50.04	142.37	9.68224		5.39
3.31.42	71.18			
52.55.30	37.47			
	33.31			

Low

2.045
35

Saturday July 22nd 1854

8.45.56	21.20	8649	20.19.02	3018
2.07	11	2171	4.16	8
8.48.47	21.31	9.66392	20.15	24152
6.07	33.49	9.81709	90.00	1509
8.37.40	69.45	19.58921	69.45	25661
5.08.24	125.05	979460		416
3.29.16	62.32			
	21.31			
52.79	41.01			

Low

2.130
35

Sunday July 23rd 1854

7.45.16	32.14	07682	20.06.57	3103
2.13	11	02715	3.57	7
7.46.23	32.25	9.57885	20.03	27721
6.09	33.05	9.76182	90.00	1551
7.39.54	69.57	19.44464	69.57	517
4.14.48	135.27	972232		23789
3.25.16	67.43			3.57.89
51.16.30	32.25			
	35.18			

Low

2.165

Monday July 24th 1854

8.44.28	27.29	07158	19.54.329	3186
2.16	11	02660	3.43	7
8.02.12	27.40	9.62757	19.51	22302
6.11	32.00	978180	90.00	22388
7.56.01	70.09	19.50755	70.09	343
4.36.28	125.49	9.75377		
3.19.38	64.54			
49.53.15	27.40			
	37.14			

Low West

2.165
35

July 25th 1854

2.200
35

5.48.56	55.41	7182	19.41.48	3268
2.20			3.05	6
5.46.36	55.52	2606	19.38.43	19608
6.12	32.03	9.28537	9000	1089
5.40.24	70.21	9.57661	70.21	18,519
2.22.16	158.16	18.96986		3.05.19
3.18.08	79.08	9.48493		
49.32	551.52			
	28.16			

July 26th 1854

2.235
35

6.20.00	48.49	7158	19.28.44	3349
2.29		2543	3.20	6
6.17.39	49.00	989021	19.25.24	20094
6.13	32.00	9.65381	9000	556
6.11.24	70.35	19.14103	70.35	20650
2.54.44	15-1.35	9.57051		3.20
3.16.40	75.47			
49.10	49.00			
	26.47			

Low

July 27th 1854

2.270
35

8.14.38	24.13	6962	19.15.20	3428
2.27		2481	4.37	8
8.12.31	24.24	9.65104	19.10.43	27424
6.13	31.35	9.79887	9000	342
8.06.18	70.49	19.54834	70.49	27766
4.50.16	126.48	9.77217		4,37,66
3.16.02	68.24			
49.00.30	24.24			
	38.00			

Low

July 28th 1854

2.305
35

6.33.48	46.01	6846	19.01.37	3507
2.30		2424	3.45	6
6.31.18	46.12	43278	18.58	21042
6.12	31.26	67280	9000	1169
6.25.06	71.02	119828	71.02	292
3.17.16	148.34	59914		22503
3.17.50	74.17			3,45,03
49.2730	46.12			
	28.05			

2.340
35

July 29th 1854

2.375
35

July 30th 1854

2.465
35

July 31st 1854

2.445
35

August 1st 1854

2.480

2-480
35

August 2^d 1854

64504	42.06	6716
248	11	2114
6.42.16	42.17	47186
85.59	31.03	70568
6.36.17	42.16	196484
3.23.12	45.36	63242
3.13.05	72.48	
	42.17	
Low	48-16.15	30.31

2-515- August 3^d 1854

7.18.35	34.25	
258	11	
7.15.44	34.36	06364
5.54	30.16	01823
7.09.50	72.31	956053
3.57.52	137.23	974852
3.11.58	68.41	1939090
	34.36	969545
647.59.30	34.05	
Low		

2-530 August 4th 1854

2-585 August 5th 1854

7.28.42	31.48	6785
258	11	1925
7.26.44	31.59	57138
5.23	31.22	77061
7.20.01	73.04	142909
4.09.44	36.15	71954
3.10.17	68.07	
	31.59	
4734	36.08	

3-020 August 6th 1854

7.20.37	34.04	7197
302	82.11	1864
7.27.35	34.15	953751
537	32.05	976484
7.11.58	73.20	1937296
3.58.32	139.40	969848
3.13.26	69.50	
	34.15	
48.21.30	35.85	

3-055 August 7th 1854

7.29.43	33.23	7641
3.05	11	1800
7.20.44	33.34	53231
5.30	33.00	77456
7.15.14	73.37	140128
4.01.00	140.11	70064
3.14.14	70.05	
	33.34	
48,33,30	36.31	

3-090

August 8th 1854

3-080
35

August 8th 1854

7.22.16	33.27	7889
3.09	11	1838
7.19.07	33.38	52314
5.22	33.30	77629
7.13.45	73.54	199770
3.59.56	141.02	69885
3.13.49	70.31	
	33.38	
48.27.15	36.53	

3-125 August 9th 1854

Lat by Obs 34.55 N
Low - 4750 W

3-160 August 10th 1854

74320	27.16	9204
3.16	11	1612
7.40.04	27.27	55499
5.05	36.00	82141
7.34.59	74.29	148456
4.28.16	137.56	74228
3.06.43	68.58	
	27.27	
46.40.45	41.31	

3-195 August 11th 1854

8.34.50	16.32	
3.19	10	
8.31.31	16.42	9250
4.36	36.05	1550
8.26.35	74.47	64519
5.20.48	127.34	86472
3.05.47	63.47	151791
46.26.45	16.42	80895
Low	47.05	

3-230 August 12th 1854

7.53.44	24.18	9343
3.23	11	1489
7.50.21	24.29	57545
4.46	36.15	83715
7.45.35	74.05	152092
4.41.24	135.49	46046
3.04.11	67.54	
46.02.45	24.29	
	43.25	

3-265 August 13th 1854

8.07.31	20.29	09204
3.26	10	01429
8.04.05	20.39	60903
4.35	36.00	85225
7.59.30	75.23	158761
4.59.32	132.02	78380
2.59.58	66.01	
44.59.30	20.39	
	45.22	

3-380 August 14th 1854
Lat by S. R. 36.12 North
Low - 44.43 West
V. A. B. got a black
fish a regular Obs.
Hook fin 2 bbs

3.935
35

August 15th 1854

4.13.54	29.29	92.43
7.12.10	25.40	5.37.44
7.12.10	25.40	5.37.44
4.13.54	29.29	92.43
2.38.58	21.18	6.19.57
43.76.47	23.04	
	21.19	

3.385
35

August 16th 1854
Lat by Obs 36° 45' North
Long by Obs 33° 36' West
Low Water going the
round the West end of
the Keyward furrow

3.405
35

August 17th 1854
Lat by Obs 37° 17' N
Long West 42.55.45 when
by barometer 43.15.150

3.445
35

August 18th 1854
Lat by Obs 37° 21' North
Long by Obs 40° 55' West
Barometer 41.10

3.485
35

August 19th 1854
Lat by Obs 37° 05' N
Long by Obs 37° 15' W

3.515
35

August 20th 1854
Lat by Obs 36° 30' North
Long by Obs 34° 40' West

3.535
35

August 21st 1854

3.555
35

August 22nd 1854

4.015
35

August 23rd 1854
Lat 37° 00' True
Long 36° 30' West
The tide was very
low on the 23rd and 24th
being only half for the
last three days

4.055
35

August 24th 1854
Lat 38° 00' North
Long 32° 25' West

4.085
35

August 25th 1854
Lat by Obs 39° 02' North
Long by Obs 29° 55' West

4.120
35

August 26th 1854
At 5 A.M. saw several
herring 2000 by the way
35 miles distant
the thermometer was

4.155
35

August 27th 1854
Lat 37° 50' North
Long by Obs
The thermometer was
up and the weather
very little better

4.190
35

August 28th 1854

4.255
35

August 29th 1854

4.260
35

August 30th 1854

4.295
35

August 31st 1854

4.330
35

Sept 1st 1854

4.365
35

Sept 2nd 1854

4.400
35

Sept 3rd 1854

4.435
35

Sept 4th 1854

4.470
35

Sept 5th 1854

4.505
35

Sept 6th 1854

4.540
35

Sept 7th 1854

4.575
35

Sept 8th 1854

5.010
35

Sept 9th 1854

Sept 7th 1854

Sept 10th 1854

Sept 11th 1854

Sept 12th 1854

6.00.00	30.17	85.75
5.55.18	31.00	36.91
5.50.00	31.02	14.00
5.45.00	31.03	12.53
5.40.00	31.05	5.76
5.35.00	31.07	
5.30.00	31.08	
5.25.00	31.10	
5.20.00	31.12	
5.15.00	31.14	
5.10.00	31.16	
5.05.00	31.18	
5.00.00	31.20	
4.55.00	31.22	
4.50.00	31.24	
4.45.00	31.26	
4.40.00	31.28	
4.35.00	31.30	
4.30.00	31.32	
4.25.00	31.34	
4.20.00	31.36	
4.15.00	31.38	
4.10.00	31.40	
4.05.00	31.42	
4.00.00	31.44	
3.55.00	31.46	
3.50.00	31.48	
3.45.00	31.50	
3.40.00	31.52	
3.35.00	31.54	
3.30.00	31.56	
3.25.00	31.58	
3.20.00	32.00	
3.15.00	32.02	
3.10.00	32.04	
3.05.00	32.06	
3.00.00	32.08	
2.55.00	32.10	
2.50.00	32.12	
2.45.00	32.14	
2.40.00	32.16	
2.35.00	32.18	
2.30.00	32.20	
2.25.00	32.22	
2.20.00	32.24	
2.15.00	32.26	
2.10.00	32.28	
2.05.00	32.30	
2.00.00	32.32	
1.55.00	32.34	
1.50.00	32.36	
1.45.00	32.38	
1.40.00	32.40	
1.35.00	32.42	
1.30.00	32.44	
1.25.00	32.46	
1.20.00	32.48	
1.15.00	32.50	
1.10.00	32.52	
1.05.00	32.54	
1.00.00	32.56	
0.55.00	32.58	
0.50.00	33.00	
0.45.00	33.02	
0.40.00	33.04	
0.35.00	33.06	
0.30.00	33.08	
0.25.00	33.10	
0.20.00	33.12	
0.15.00	33.14	
0.10.00	33.16	
0.05.00	33.18	
0.00.00	33.20	

Sept 13th 1854

Sept 14th 1854

6.00.00	30.49	86.90
5.55.00	30.51	100.94
5.50.00	30.53	33.36
5.45.00	30.55	6.88
5.40.00	30.57	1.32
5.35.00	30.59	4.76
5.30.00	31.01	9.66
5.25.00	31.03	14.56
5.20.00	31.05	19.46
5.15.00	31.07	24.36
5.10.00	31.09	29.26
5.05.00	31.11	34.16
5.00.00	31.13	39.06
4.55.00	31.15	43.96
4.50.00	31.17	48.86
4.45.00	31.19	53.76
4.40.00	31.21	58.66
4.35.00	31.23	63.56
4.30.00	31.25	68.46
4.25.00	31.27	73.36
4.20.00	31.29	78.26
4.15.00	31.31	83.16
4.10.00	31.33	88.06
4.05.00	31.35	92.96
4.00.00	31.37	97.86
3.55.00	31.39	102.76
3.50.00	31.41	107.66
3.45.00	31.43	112.56
3.40.00	31.45	117.46
3.35.00	31.47	122.36
3.30.00	31.49	127.26
3.25.00	31.51	132.16
3.20.00	31.53	137.06
3.15.00	31.55	141.96
3.10.00	31.57	146.86
3.05.00	31.59	151.76
3.00.00	32.01	156.66
2.55.00	32.03	161.56
2.50.00	32.05	166.46
2.45.00	32.07	171.36
2.40.00	32.09	176.26
2.35.00	32.11	181.16
2.30.00	32.13	186.06
2.25.00	32.15	190.96
2.20.00	32.17	195.86
2.15.00	32.19	200.76
2.10.00	32.21	205.66
2.05.00	32.23	210.56
2.00.00	32.25	215.46
1.55.00	32.27	220.36
1.50.00	32.29	225.26
1.45.00	32.31	230.16
1.40.00	32.33	235.06
1.35.00	32.35	239.96
1.30.00	32.37	244.86
1.25.00	32.39	249.76
1.20.00	32.41	254.66
1.15.00	32.43	259.56
1.10.00	32.45	264.46
1.05.00	32.47	269.36
1.00.00	32.49	274.26
0.55.00	32.51	279.16
0.50.00	32.53	284.06
0.45.00	32.55	288.96
0.40.00	32.57	293.86
0.35.00	32.59	298.76
0.30.00	33.01	303.66
0.25.00	33.03	308.56
0.20.00	33.05	313.46
0.15.00	33.07	318.36
0.10.00	33.09	323.26
0.05.00	33.11	328.16
0.00.00	33.13	333.06

Sept 15th 1854

Sept 16th 1854

6.00.00	31.49	81.75
5.55.00	31.51	86.50
5.50.00	31.53	91.25
5.45.00	31.55	96.00
5.40.00	31.57	100.75
5.35.00	31.59	105.50
5.30.00	32.01	110.25
5.25.00	32.03	115.00
5.20.00	32.05	119.75
5.15.00	32.07	124.50
5.10.00	32.09	129.25
5.05.00	32.11	134.00
5.00.00	32.13	138.75
4.55.00	32.15	143.50
4.50.00	32.17	148.25
4.45.00	32.19	153.00
4.40.00	32.21	157.75
4.35.00	32.23	162.50
4.30.00	32.25	167.25
4.25.00	32.27	172.00
4.20.00	32.29	176.75
4.15.00	32.31	181.50
4.10.00	32.33	186.25
4.05.00	32.35	191.00
4.00.00	32.37	195.75
3.55.00	32.39	200.50
3.50.00	32.41	205.25
3.45.00	32.43	210.00
3.40.00	32.45	214.75
3.35.00	32.47	219.50
3.30.00	32.49	224.25
3.25.00	32.51	229.00
3.20.00	32.53	233.75
3.15.00	32.55	238.50
3.10.00	32.57	243.25
3.05.00	32.59	248.00
3.00.00	33.01	252.75
2.55.00	33.03	257.50
2.50.00	33.05	262.25
2.45.00	33.07	267.00
2.40.00	33.09	271.75
2.35.00	33.11	276.50
2.30.00	33.13	281.25
2.25.00	33.15	286.00
2.20.00	33.17	290.75
2.15.00	33.19	295.50
2.10.00	33.21	300.25
2.05.00	33.23	305.00
2.00.00	33.25	309.75
1.55.00	33.27	314.50
1.50.00	33.29	319.25
1.45.00	33.31	324.00
1.40.00	33.33	328.75
1.35.00	33.35	333.50
1.30.00	33.37	338.25
1.25.00	33.39	343.00
1.20.00	33.41	347.75
1.15.00	33.43	352.50
1.10.00	33.45	357.25
1.05.00	33.47	362.00
1.00.00	33.49	366.75
0.55.00	33.51	371.50
0.50.00	33.53	376.25
0.45.00	33.55	381.00
0.40.00	33.57	385.75
0.35.00	33.59	390.50
0.30.00	34.01	395.25
0.25.00	34.03	400.00
0.20.00	34.05	404.75
0.15.00	34.07	409.50
0.10.00	34.09	414.25
0.05.00	34.11	419.00
0.00.00	34.13	423.75

Sept 17th 1854

Sept 18th 1854

6.00.00	25.07	08.59
5.55.00	25.09	13.49
5.50.00	25.11	18.39
5.45.00	25.13	23.29
5.40.00	25.15	28.19
5.35.00	25.17	33.09
5.30.00	25.19	37.99
5.25.00	25.21	42.89
5.20.00	25.23	47.79
5.15.00	25.25	52.69
5.10.00	25.27	57.59
5.05.00	25.29	62.49
5.00.00	25.31	67.39
4.55.00	25.33	72.29
4.50.00	25.35	77.19
4.45.00	25.37	82.09
4.40.00	25.39	86.99
4.35.00	25.41	91.89
4.30.00	25.43	96.79
4.25.00	25.45	101.69
4.20.00	25.47	106.59
4.15.00	25.49	111.49
4.10.00	25.51	116.39
4.05.00	25.53	121.29
4.00.00	25.55	126.19
3.55.00	25.57	131.09
3.50.00	25.59	135.99
3.45.00	26.01	140.89
3.40.00	26.03	145.79
3.35.00	26.05	150.69
3.30.00	26.07	155.59
3.25.00	26.09	160.49
3.20.00	26.11	165.39
3.15.00	26.13	170.29
3.10.00	26.15	175.19
3.05.00	26.17	180.09
3.00.00	26.19	184.99
2.55.00	26.21	189.89
2.50.00	26.23	194.79
2.45.00	26.25	199.69
2.40.00	26.27	204.59
2.35.00	26.29	209.49
2.30.00	26.31	214.39
2.25.00	26.33	219.29
2.20.00	26.35	224.19
2.15.00	26.37	229.09
2.10.00	26.39	233.99
2.05.00	26.41	238.89
2.00.00	26.43	243.79
1.55.00	26.45	248.69
1.50.00	26.47	253.59
1.45.00	26.49	258.49
1.40.00	26.51	263.39
1.35.00	26.53	268.29
1.30.00	26.55	273.19
1.25.00	26.57	278.09
1.20.00	26.59	282.99
1.15.00	27.01	287.89
1.10.00	27.03	292.79
1.05.00	27.05	297.69
1.00.00	27.07	302.59
0.55.00	27.09	307.49
0.50.00	27.11	312.39
0.45.00	27.13	317.29
0.40.00	27.15	322.19
0.35.00	27.17	327.09
0.30.00	27.19	331.99
0.25.00	27.21	336.89
0.20.00	27.23	341.79
0.15.00	27.25	346.69
0.10.00	27.27	351.59
0.05.00	27.29	356.49
0.00.00	27.31	361.39

Sept 19th 1854

Sept 20th 1854

6.00.00	34.15	81.40
5.55.00	34.17	86.30
5.50.00	34.19	91.20
5.45.00	34.21	96.10
5.40.00	34.23	101.00
5.35.00	34.25	105.90
5.30.00	34.27	110.80
5.25.00	34.29	115.70
5.20.00	34.31	120.60
5.15.00	34.33	125.50
5.10.00	34.35	130.40
5.05.00	34.37	135.30
5.00.00	34.39	140.20
4.55.00	34.41	145.10
4.50.00	34.43	150.00
4.45.00	34.45	154.90
4.40.00	34.47	159.80
4.35.00	34.49	164.70
4.30.00	34.51	169.60
4.25.00	34.53	174.50
4.20.00	34.55	179.40
4.15.00	34.57	184.30
4.10.00	34.59	189.20
4.05.00	35.01	194.10
4.00.00	35.03	199.00
3.55.00	35.05	203.90
3.50.00	35.07	208.80
3.45.00	35.09	213.70
3.40.00	35.11	218.60
3.35.00	35.13	223.50
3.30.00	35.15	228.40
3.25.00	35.17	233.30
3.20.00	35.19	238.20
3.15.00	35.21	243.10
3.10.00	35.23	248.00
3.05.00	35.25	252.90
3.00.00	35.27	257.80
2.55.00	35.29	262.70
2.50.00	35.31	267.60
2.		

5.040 Chron. Brown

5.045 Sept 25th 1854

7.04.03	32.47	84.12
5.00	11	84.23
7.04.10	32.58	84.34
5.00	11	84.45
7.04.17	33.09	84.56
5.00	11	85.07
7.04.24	33.20	85.18
5.00	11	85.29
7.04.31	33.31	85.40
5.00	11	85.51
7.04.38	33.42	86.02
5.00	11	86.13
7.04.45	33.53	86.24
5.00	11	86.35
7.04.52	34.04	86.46
5.00	11	86.57
7.05.00	34.15	87.08
5.00	11	87.19
7.05.07	34.26	87.30
5.00	11	87.41
7.05.14	34.37	87.52
5.00	11	88.03
7.05.21	34.48	88.14
5.00	11	88.25
7.05.28	34.59	88.36
5.00	11	88.47
7.05.35	35.10	88.58
5.00	11	89.09
7.05.42	35.21	89.20
5.00	11	89.31
7.05.49	35.32	89.42
5.00	11	89.53
7.05.56	35.43	90.04
5.00	11	90.15
7.06.03	35.54	90.26
5.00	11	90.37
7.06.10	36.05	90.48
5.00	11	90.59
7.06.17	36.16	91.10
5.00	11	91.21
7.06.24	36.27	91.32
5.00	11	91.43
7.06.31	36.38	91.54
5.00	11	92.05
7.06.38	36.49	92.16
5.00	11	92.27
7.06.45	36.60	92.38
5.00	11	92.49
7.06.52	36.71	92.60
5.00	11	92.71
7.07.00	36.82	92.82
5.00	11	92.93
7.07.07	36.93	93.04
5.00	11	93.15
7.07.14	37.04	93.26
5.00	11	93.37
7.07.21	37.15	93.48
5.00	11	93.59
7.07.28	37.26	94.10
5.00	11	94.21
7.07.35	37.37	94.32
5.00	11	94.43
7.07.42	37.48	94.54
5.00	11	95.05
7.07.49	37.59	95.16
5.00	11	95.27
7.07.56	38.10	95.38
5.00	11	95.49
7.08.03	38.21	95.60
5.00	11	95.71
7.08.10	38.32	95.82
5.00	11	95.93
7.08.17	38.43	96.04
5.00	11	96.15
7.08.24	38.54	96.26
5.00	11	96.37
7.08.31	39.05	96.48
5.00	11	96.59
7.08.38	39.16	97.10
5.00	11	97.21
7.08.45	39.27	97.32
5.00	11	97.43
7.08.52	39.38	97.54
5.00	11	97.65
7.09.00	39.49	97.76
5.00	11	97.87
7.09.07	39.60	97.98
5.00	11	98.09
7.09.14	39.71	98.20
5.00	11	98.31
7.09.21	39.82	98.42
5.00	11	98.53
7.09.28	39.93	98.64
5.00	11	98.75
7.09.35	40.04	98.86
5.00	11	98.97
7.09.42	40.15	99.08
5.00	11	99.19
7.09.49	40.26	99.30
5.00	11	99.41
7.09.56	40.37	99.52
5.00	11	99.63
7.10.03	40.48	99.74
5.00	11	99.85
7.10.10	40.59	99.96
5.00	11	100.07
7.10.17	41.10	100.18
5.00	11	100.29
7.10.24	41.21	100.40
5.00	11	100.51
7.10.31	41.32	100.62
5.00	11	100.73
7.10.38	41.43	100.84
5.00	11	100.95
7.10.45	41.54	101.06
5.00	11	101.17
7.10.52	41.65	101.28
5.00	11	101.39
7.11.00	41.76	101.50
5.00	11	101.61
7.11.07	41.87	101.72
5.00	11	101.83
7.11.14	41.98	101.94
5.00	11	102.05
7.11.21	42.09	102.16
5.00	11	102.27
7.11.28	42.20	102.38
5.00	11	102.49
7.11.35	42.31	102.60
5.00	11	102.71
7.11.42	42.42	102.82
5.00	11	102.93
7.11.49	42.53	103.04
5.00	11	103.15
7.11.56	42.64	103.26
5.00	11	103.37
7.12.03	42.75	103.48
5.00	11	103.59
7.12.10	42.86	103.70
5.00	11	103.81
7.12.17	42.97	103.92
5.00	11	104.03
7.12.24	43.08	104.14
5.00	11	104.25
7.12.31	43.19	104.36
5.00	11	104.47
7.12.38	43.30	104.58
5.00	11	104.69
7.12.45	43.41	104.80
5.00	11	104.91
7.12.52	43.52	105.02
5.00	11	105.13
7.13.00	43.63	105.24
5.00	11	105.35
7.13.07	43.74	105.46
5.00	11	105.57
7.13.14	43.85	105.68
5.00	11	105.79
7.13.21	43.96	105.90
5.00	11	106.01
7.13.28	44.07	106.12
5.00	11	106.23
7.13.35	44.18	106.34
5.00	11	106.45
7.13.42	44.29	106.56
5.00	11	106.67
7.13.49	44.40	106.78
5.00	11	106.89
7.13.56	44.51	107.00
5.00	11	107.11
7.14.03	44.62	107.22
5.00	11	107.33
7.14.10	44.73	107.44
5.00	11	107.55
7.14.17	44.84	107.66
5.00	11	107.77
7.14.24	44.95	107.88
5.00	11	107.99
7.14.31	45.06	108.10
5.00	11	108.21
7.14.38	45.17	108.32
5.00	11	108.43
7.14.45	45.28	108.54
5.00	11	108.65
7.14.52	45.39	108.76
5.00	11	108.87
7.15.00	45.50	108.98
5.00	11	109.09
7.15.07	45.61	109.20
5.00	11	109.31
7.15.14	45.72	109.42
5.00	11	109.53
7.15.21	45.83	109.64
5.00	11	109.75
7.15.28	45.94	109.86
5.00	11	109.97
7.15.35	46.05	110.08
5.00	11	110.19
7.15.42	46.16	110.30
5.00	11	110.41
7.15.49	46.27	110.52
5.00	11	110.63
7.15.56	46.38	110.74
5.00	11	110.85
7.16.03	46.49	110.96
5.00	11	111.07
7.16.10	46.60	111.18
5.00	11	111.29
7.16.17	46.71	111.40
5.00	11	111.51
7.16.24	46.82	111.62
5.00	11	111.73
7.16.31	46.93	111.84
5.00	11	111.95
7.16.38	47.04	112.06
5.00	11	112.17
7.16.45	47.15	112.28
5.00	11	112.39
7.16.52	47.26	112.50
5.00	11	112.61
7.17.00	47.37	112.72
5.00	11	112.83
7.17.07	47.48	112.94
5.00	11	113.05
7.17.14	47.59	113.16
5.00	11	113.27
7.17.21	47.70	113.38
5.00	11	113.49
7.17.28	47.81	113.60
5.00	11	113.71
7.17.35	47.92	113.82
5.00	11	113.93
7.17.42	48.03	114.04
5.00	11	114.15
7.17.49	48.14	114.26
5.00	11	114.37
7.17.56	48.25	114.48
5.00	11	114.59
7.18.03	48.36	114.70
5.00	11	114.81
7.18.10	48.47	114.92
5.00	11	115.03
7.18.17	48.58	115.14
5.00	11	115.25
7.18.24	48.69	115.36
5.00	11	115.47
7.18.31	48.80	115.58
5.00	11	115.69
7.18.38	48.91	115.80
5.00	11	115.91
7.18.45	49.02	116.02
5.00	11	116.13
7.18.52	49.13	116.24
5.00	11	116.35
7.19.00	49.24	116.46
5.00	11	116.57
7.19.07	49.35	116.68
5.00	11	116.79
7.19.14	49.46	116.90
5.00	11	117.01
7.19.21	49.57	117.12
5.00	11	117.23
7.19.28	49.68	117.34
5.00	11	117.45
7.19.35	49.79	117.56
5.00	11	117.67
7.19.42	49.90	117.78
5.00	11	117.89
7.19.49	50.01	118.00
5.00	11	118.11
7.19.56	50.12	118.22
5.00	11	118.33
7.20.03	50.23	118.44
5.00	11	118.55
7.20.10	50.34	118.66
5.00	11	118.77
7.20.17	50.45	118.88
5.00	11	118.99
7.20.24	50.56	119.10
5.00	11	119.21
7.20.31	50.67	119.32
5.00	11	119.43
7.20.38	50.78	119.54
5.00	11	119.65
7.20.45	50.89	119.76
5.00	11	119.87
7.20.52	51.00	119.98
5.00	11	120.09
7.21.00	51.11	120.20
5.00	11	120.31
7.21.07	51.22	120.42
5.00	11	120.53
7.21.14	51.33	120.64
5.00	11	120.75
7.21.21	51.44	120.86
5.00	11	120.97
7.21.28	51.55	121.08
5.00	11	121.19
7.21.35	51.66	121.30
5.00	11	121.41
7.21.42	51.77	121.52
5.00	11	121.63
7.21.49	51.88	121.74
5.00	11	121.85
7.21.56	51.99	121.96
5.00	11	122.07
7.22.03	52.10	122.18
5.00	11	122.29
7.22.10	52.21	122.40
5.00	11	122.51
7.22.17	52.32	122.62
5.00	11	122.73
7.22.24	52.43	122.84
5.00	11	122.95
7.22.31	52.54	123.06
5.00	11	123.17
7.22.38	52.65	123.28
5.00	11	123.39
7.22.45	52.76	123.50
5.00	11	123.61
7.22.52	52.87	123.72
5.00	11	123.83
7.23.00	52.98	123.94
5.00	11	124.05
7.23.07	53.09	124.16
5.00	11	124.27
7.23.14	53.20	124.38
5.00	11	124.49
7.23.21	53.31	124.60
5.00	11	124.71
7.23.28	53.42	124.82
5.00	11	124.93
7.23.35	53.53	125.04
5.00	11	125.15
7.23.42	53.64	125.26
5.00	11	125.37
7.23.49	53.75	125.48
5.00	11	125.59
7.23.56	53.86	125.70
5.00	11	125.81
7.24.03	53.97	125.92
5.00	11	126.03
7.24.10	54.08	126.14
5.00	11	126.

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 7.26.40 16.59 5458
 5.49 17.14 2515
 7.23.11 17.16 1869
 73.21 34.40 99318
 7.23.42 110.25 125525
 3.20.50 162.15 62762
 4.12.52 51.07
 63.13 77.10
 Low West 63.57

5.51
 Nov 24th 1854
 7.05.16 20.13 9723
 5.51 20.13 2574
 7.13.13 33.13 614085
 7.13.13 110.37 934435
 7.05.17 164.06 1919167
 4.09.41 52.03
 62.15.15 20.13 9.55583
 Low West 61.44

5.53
 Nov 25th 1854
 5.12.15 10.12 7624
 5.53 11 2937
 7.55.32 10.13 3265
 7.12.44 32.13 7625
 8.09.16 110.52 741497
 11.15.16 84.13 70745
 4.04 64.33
 7.61.17 65.37

5.55
 Nov 26th 1854
 7.57.07 9.48 7584
 5.55 10 8563
 7.57.12 9.58 9124
 72.25 32.44 7124
 8.09.37 111.07 14244
 4.08.24 154.46 7124
 5.55.13 76.53
 5.55.15 77.15
 Low West 66.55

5.57
 Nov 27th 1854
 7.11.11 16.45 7613
 5.57 16.59 3043
 7.05.14 16.59 1146
 7.17.20 111.12 9521
 3.25.10 161.25 127326
 3.22.10 80.93 5564
 58.15 63.31
 Low West 63.31

5.59
 Nov 28th 1854

6.01
 Nov 29th 1854

6.02
 Nov 30th 1854
 10.11.11 20.13 551
 5.59 32.13 551
 13.17.46 111.12 551
 3.25.10 161.25 551
 3.22.10 80.93 551
 54.54.30 67.10
 Low West 67.10

6.05

Dec 1st 1854

7.03.00	12.52	
6.05	11	
6.56.55	13.00	
10.41	33.55	
7.07.38	117.52	
3.42.19	158.56	
3.25.17	70.15	
51.19.15	66.19	

6.07 Dec 2nd 1854

6.52.00	14.18	
6.46.00	14.18	
10.18	52.51	
6.50.18	12.02	
9.34.50	153.22	
3.15.48	70.14	
49.42	65.12	

6.09 Dec 3rd 1854

6.41.13	14.24	
6.09	11	
6.07.10	14.18	
6.04	35.15	
6.05.00	112.02	
3.33.00	160.05	
3.11.52	14.18	
47.59.30	65.151	

6.12 Dec 4th 1854

6.34.00	17.04	
6.11	11	
6.21.54	17.11	
9.31	14.18	
7.37.25	177.15	
3.22.22	161.41	
3.15.03	80.50	
48.45.45	63.83	

6.13 Dec 5th 1854

7.22.06	7.30	
6.16	7.30	
7.18.50	7.30	
7.18.55	35.25	
7.22.55	112.02	
4.17.00	152.31	
3.57.30	70.14	
46.52.30	68.13	

6.15 Dec 6th 1854

5.56.55	19.13	
6.15	11	
5.55.40	15.24	
8.41	14.18	
5.55.21	179.31	
3.02.24	105.03	
2.50.57	65.12	
44.44.15	65.12	

6.15 Dec 6th 1854

5.56.55	19.13	
6.15	11	
5.55.40	15.24	
8.41	14.18	
5.55.21	179.31	
3.02.24	105.03	
2.50.57	65.12	
44.44.15	65.12	

6.11

Dec 7th 1854

6.14.49	15.10	
6.11	11	
6.08.39	15.24	
8.15	33.55	
6.16.47	112.02	
3.25.19	160.05	
2.57.33	80.50	
42.54.45	65.12	

6.12 Dec 8th 1854

5.93.95	22.15	
6.14	11	
5.20.16	25.11	
1.30	32.39	
5.35.05	112.02	
2.41.06	161.41	
2.53.17	83.57	
48.27.45	61.37	

6.21 Dec 9th 1854

5.08.26	25.11	
6.21	11	
5.12.18	35.25	
7.23	30.16	
5.19.28	112.02	
2.33.20	165.20	
2.46.08	84.15	
41.32	25.12	

6.23 Dec 10th 1854

5.53.12	20.19	
6.23	11	
5.46.40	20.31	
8.55	28.56	
5.53.45	112.02	
3.12.28	161.41	
2.41.16	81.03	
40.19	20.31	

6.25 Dec 11th 1854

5.45.20	19.57	
6.25	11	
5.56.55	20.19	
6.27	20.18	
5.58.21	112.02	
3.20.82	160.05	
2.37.50	80.50	
39.27.30	60.95	

6.27 Dec 12th 1854

6.00.33	20.37	
6.27	11	
5.46.13	20.37	
6.00	20.18	
5.48.03	179.31	
3.52.00	105.03	
40.20.18	65.12	
37.32.00	59.17	

6.27 Dec 12th 1854

6.27 Dec 12th 1854

6.22

Chow Chow

6.41

Dec 13th 1854

Dec 17th 1854

5.32.47	24.56	
6.11	11	
5.26.15	25.07	45.42
5.11	25.47	36.27
5.31.45	16.11	142.66
5.15.05	14.03	91.210
5.35.41	26.07	1147.75
5.55.15	55.34	573.81

5.17.31	27.36	
6.41	11	
5.12.54	21.47	351.7
5.13.25	13.26	373.5
5.17.34	163.58	144.85
5.17.51	81.59	112.806
5.27.44	27.47	56.503
Sum 11.427	54.16	

6.31 Dec 14th 1854

6.42 Dec 20th 1854

6.27.24	13.58	512.2
6.31	10	36.15
6.20.53	14.08	371.07
5.18.1	17.516	95.65
5.25.54	154.41	1379.72
5.34.32	14.03	689.86
5.31.22	14.03	

5.55.22	22.15	301.9
5.48.40	22.15	301.9
5.48.40	22.15	301.9
5.48.40	22.15	301.9
5.48.40	22.15	301.9
5.48.40	22.15	301.9
5.48.40	22.15	301.9
5.48.40	22.15	301.9

111 37.50.30 (63.12) Lat 27.16.11

2.35.28.45 Lat 27.16.11

6.33 Dec 15th 1854

6.45 Dec 21st 1854

5.51.33	18.20	55.96
5.51.33	18.20	55.96
5.45.00	18.31	36.25
5.51.33	18.31	233.50
5.49.33	173.18	944.58
5.24.45	160.11	1241.77
5.24.45	80.08	635.52
5.24.45	18.31	

Lat by obs 19.35.11

Sum 2.35.28.45

Sum 36.11.11 Lat 28.20

6.47 Dec 22nd 1854

6.41.06	10.44	56.51
6.35	10	37.11
6.34.31	10.44	401.03
6.34.31	27.06	55.938
6.36.34	113.21	1445.98
4.15.12	150.51	422.93
4.15.12	45.35	
4.15.12	10.44	
4.15.12	65.01	

6.35.21	14.44	216.3
6.41	11	37.11
6.31.44	14.55	46.16
5.22.28	17.56	62.952
4.16.16	113.28	1240.84
2.16.20	146.19	435.12
3.14.44	73.09	
Sum west	14.55.00	Lat 17.56.11
	58.74	

Sum 35.50.30 Lat 27.06.11

6.49 Dec 23rd 1854

Dec 24th 1854

Dec 25th 1854

Dec 26th 1854

Dec 27th 1854

Dec 28th 1854

Dec 29th 1854

Dec 30th 1854

Dec 31st 1854

Dec 32nd 1854

Dec 33rd 1854

Dec 34th 1854

Dec 35th 1854

Dec 36th 1854

Dec 37th 1854

Dec 38th 1854

Dec 39th 1854

Dec 40th 1854

Dec 41st 1854

Dec 42nd 1854

Dec 43rd 1854

Dec 44th 1854

Dec 45th 1854

6.57 Chron Error

7.11

Dec 27th 1854

Jan 3rd 1855

5.45.49 23.27 15.29
6.57 11 37.06
5.38.42 23.48 34.26
1.25 15.27 34.26
5.37.27 11.20 49.88
3.41.24 15.05 33.84
1.56.03 24.35 66.94
29.00.45 52.24

8.05.48 15.44 43.58
7.11 10 55.45
5.58.38 15.44 50.82
7.07 15.44 50.82
5.53.50 11.25 50.82
4.38.44 15.10 50.82
7.17.06 68.05 50.82
19.16.30 15.10 50.82
Low West 52.04 Low 19.16.30 West

Lat by the 11.13 North
Sandy 29.00.45 West
Low 27.19.04 West
by Star Chronometer

7.13 Jan 4th 1855

5.37.20 21.41 00.52.5
7.13 11 00.52.5
5.30.14 21.42 51.50.2
5.13 21.00 51.50.2
5.25.00 11.2.45 51.50.2
4.10.55 15.1.37 51.50.2
1.14.05 21.42 51.50.2
18.31.15 48.46

6.59 Dec 28th 1854

Lat by the 12.02 North
Low - 27.34 West

7.15 Jan 5th 1855

7.12 Jan 6th 1855

7.19 Jan 7th 1855

7.01 2 Dec 29th 1854
Lat 12.50 North
Low 26.19 West

7.03 2 Jan 3rd 1855
Lat by the 12.00 North
Low - 24.50 West
by the 12.00 North
Blackfish & Shuck
and Sand Dunes

5.09.54 28.94 00.50.2
7.16 11 00.50.2
4.58.40 25.45 44.16.6
6.32 6.45 65.10.0
4.52.08 11.2.24 132.89.4
3.14.16 12.9.05 66.48.7
7.11.42 23.57 50.82
17.58 45.12

7.05 Jan 31st 1854
Lat 11.00 North
Low 23.21 West

7.21 Jan 8th 1855
5.37.24 21.41 2.91
7.21 11 39.60
5.30.09 11.2.15 52.52.7
5.13 11.0.50 57.02.5
5.25.08 11.0.15 53.60.2
2.11.57 21.42 71.8.01
7.11.11 25.25
17.47.45

7.07 2 Jan 4th 1855

5.10.30 25.37 00.59.8
5.09.32 25.48 23.60.3
5.09.32 25.48 23.60.3
4.11.08 11.0.01 2.86.23.5
3.32.08 11.0.01 12.57.58
7.27.35 25.36 60.97.7
21.55.45 50.82 Low 25.36 West

7.23 Jan 7th 1855

5.44.49 20.54 00.90.2
7.23 10 03.13.3
5.34.25 21.00 23.02.5
7.23 11.0.01 23.02.5
5.27.08 11.0.01 23.02.5
4.15.52 13.0.56 72.40.4
7.17.18 67.15
17.47.30 21.42

7.09 Jan 2nd 1855

4.30.03 36.27 00.48.5
4.23.53 36.39 09.10.5
2.11.31 11.1.18 27.70.2
2.56.05 15.0.01 52.93.2
7.22.31 29.10.6 57.97.6
10.37.41 36.33
42.25

7.10 Jan 10th 1855

Lat 11.00 North
Low 23.21 West

Lat 5.55 North
Low 20.37 West

7.51

Jan 23rd 1855

6.06.14	24.40	00.00
6.53.23	24.55	02.55
5.45.14	10.34	58.14
4.12.48	15.39	83.14
1.33.26	69.32	123.86
2.52.30	24.51	71.93
2.11.23	72.43	

Low West 14.3

7.53 Jan 24th 1855

5.21.30	37.12	00.00
5.13.37	37.23	02.49
12.24	00.17	766.37
5.01.13	70.17	463.66
3.20.44	108.27	125.84
1.40.29	54.48	627.42
25.07.15	37.23	
	16.55	

Low West

7.55 Jan 25th 1855

Low West 25.20 West

7.57 Jan 26th 1855

7.32.51	7.32	00.00
12.52	7.32	02.35
7.19.38	7.19	88.00
5.31.20	81.18	737.18
1.48.19	40.39	164.09
2.7.04.45	37.38	820.54
	53.05	

Low West

7.59 Jan 27th 1855

Low West 28.50 West

8.01 Jan 28th 1855

6.37.27	26.31	25.8
8.01	26.31	22.25
6.29.26	26.42	08.76
13.16	6.12	63.66
6.16.18	71.43	194.91
4.15.36	104.45	723.60
2.00.34	52.32	
30.08.30	26.42	
	25.40	

Low West

8.03 Jan 29th 1855

6.38.12	28.25	53.8
8.03	28.25	21.69
6.30.00	28.36	760.39
13.26	9.00	645.42
6.16.43	72.04	1432.82
4.10.52	107.30	516.42
2.05.47	54.50	
31.26.45	28.36	
	26.14	

Low West

8.05 Jan 30th 1854

6.46.35	28.11	03.0
8.05	28.11	22.94
6.38.30	28.32	744.51
4.13.36	11.29	670.18
6.24.54	72.21	124.62
4.14.52	11.32	72.48
2.10.02	56.16	
	28.22	
32.00.30	28.36	

Low West 11.4.9 South

8.07

Jan 31st 1854

6.38.54	32.13	14.07
8.07	32.13	20.00
6.30.45	32.24	72.00
13.45	15.37	66.06
6.17.32	70.32	13.88
4.00.46	59.46	59.74
2.16.45	32.24	14.3

Low West 14.3

8.09 Feb 1st 1855

7.08.43	27.26	18.49
8.09	27.26	19.60
6.45.04	27.37	71.62
13.54	16.36	41.27
6.41.10	42.55	216.44
4.21.02	17.18	72.23
2.19.48	58.34	16.36
34.57.04	27.47	
	30.50	

Low West

8.11 Feb 2^d 1855

Low West 35.38 West

8.13 Feb 3^d 1855

8.15 Feb 4th 1855

6.40.23	31.38	31.97
8.15	31.38	17.63
6.32.08	31.43	647.24
14.13	73.47	722.18
6.15.55	127.19	419.02
4.06.32	63.59	709.51
2.11.00	31.40	
32.52.45	32.10	

Low West

8.17 Feb 5th 1855

6.40.46	29.42	35.71
8.17	29.42	16.35
6.34.20	29.53	650.34
14.16	22.55	74.26
6.20.11	26.55	142.56
4.15.06	63.26	722.84
2.05.05	27.53	
31.16.15	33.33	

Low West

8.19 Feb 6th 1855

6.30.38	30.22	41.44
8.19	30.22	16.34
6.22.16	30.33	62.45
14.22	27.98	75.01
6.04.47	70.23	143.60
4.12.24	120.84	118.70
2.05.33	34.77	
28.53.15	34.16	

Low West 31.15 West

Low West 31.15 West

8.31

Feb 11th 1855

6.20.33	31.04	4405
8.21	11	1567
6.72.32	31.15	60587
14.25	26.25	75605
2.05.05	74.42	142847
4.07.16	135.11	71364
7.48.51	66.12	
27.12.45	34.57	

Low water

8.32 Feb 18th 1855

6.10.34	31.45	5657
8.23	11	1506
5.05.11	31.46	57993
14.25	26.25	16947
5.05.12	75.20	41697
4.05.152	135.132	70845
1.44.51	69.46	
26.12.45	31.56	
Low water	35.40	

8.25 Feb 19th 1855

5.54.46	35.46	6377
8.25	11	1242
5.46.31	35.55	51448
14.32	30.13	75678
5.37.49	45.15	135237
2.16.35	137.34	67615
1.45.14	80.47	
26.18.30	34.50	

Low water

8.17 Feb 10th 1855

6.10.41	32.15	6513
8.27	11	1300
5.02.14	32.26	54764
14.31	30.36	77846
5.47.43	45.39	140505
4.02.11	138.41	70250
1.45.32	89.20	
2023	32.16	
Low water	36.54	

8.22 Feb 11th 1855

Chasman's time 22.27.41
 Low water 22.30.24
 Chronometer slow 2.48

Chronometer slow
 by Chronometer, 3 m. 10 sec
 north of south, a
 true distance

Chasman's time 22.27.41
 Low water 22.30.24
 Chronometer slow 2.48
 by Chronometer, 3 m. 10 sec
 north of south, a
 true distance

8.31

Feb 12th 1855

4.48.30	31.55	6226
8.21	11	1242
4.39.49	31.05	78759
14.21	26.25	167815
5.25.17	74.42	43907
5.49.17	135.11	
7.27.41	66.12	
24.15.15	28.40	

Low water

8.32 Feb 13th 1855

Sent by 30.12 South
 Low water 22.43.75

8.35 Feb 14th 1855

6.09.21	29.17	6540
8.25	11	1151
5.05.11	31.46	56251
14.25	26.25	77932
5.05.12	75.20	13939
4.05.152	135.132	71967
1.44.51	69.46	
23.18.45	34.07	

Low water

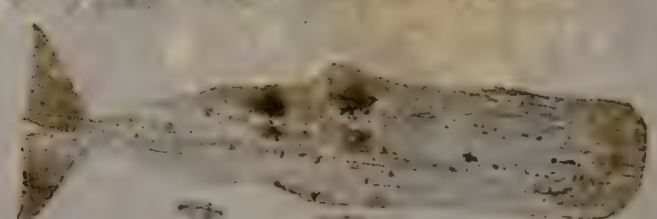
8.32 Feb 15th 1855

6.06.34	29.11	6840
8.27	11	10713
5.05.11	31.26	55313
14.25	26.25	77846
5.43.22	77.19	135237
4.13.40	138.07	71567
7.30.52	67.63	
22.43	29.22	
Low water	39.41	

8.32 Feb 16th 1855

6.09.34	26.06	6831
8.27	11	10713
5.05.11	31.26	55313
14.25	26.25	77846
5.43.22	77.19	135237
4.13.40	138.07	71567
7.30.52	67.63	
22.14.30	26.17	
Low water	39.41	

At 1 P.M. the boat
 and saved the fish
 which was



I.B
 25 lbs

8.41

6.05.53 28.11

5.15.12	18.22	5.15.12
14.15	30.47	80.53.4
5.37.54	27.01	5.5.55
4.18.08	33.26	72.7.4
1.19.46	28.03	6.8.34
19.56.35	33.4	

8.53

Feb 22 1855

37.31	28.25	6.8.46
8.53	33.36	33.36
5.15.12	33.36	1.33.70
14.15	33.36	82.4.41
5.37.54	33.36	2.30.47
4.18.08	33.36	72.5.44
1.19.46	33.36	
16.02	21.24	

Lat by Chron 31.30 South
Sun - Chron 16.09 West
Sun - Chron 16.08 West

Feb 22 1855

6.57.42	9.48	73.01
6.53	11	06.41
6.48.53	9.50	6.8.38
13.38	32.18	89.2.03
5.35.15	30.07	16.3.52
5.31.20	32.28	82.6.91
57.55	31.14	
14.13.45	31.15	Lat 32.42 South

8.55

Feb 23 1855

5.58.22	21.50	74.9.4
8.55	11	06.40
5.44.27	22.41	5.8.101
13.190	32.42	85.3.36
5.30.57	30.30	151.5.81
7.39.27	35.13	75.7.70
5.1.28	67.36	Lat 32.42 S
12.52	22.01	
Low west	45.95	

Feb 24 1855

Time by Chron 5.54.27
Time by Lunar 5.54.25
Chron too slow 1 by
Chron note discrepancy
method of working on
Lunar Distance

Feb 24 1855

Chron time 5.54.27
Lunar time 5.54.18
Chron too slow 5 by
Bowditch's Chronometer

5.57 Feb 25 1855

5.23.42	26.77	86.6.5
5.15.45	21.02	25.5.0
13.10	32.03	5.8.32
5.01.25	32.00	154.8.20
3.15.55	23.70	72.4.8
45.27	70.13	
11.21.45	48.37	

Low west

Lat 39.03

8.43

Feb 19 1855

5.15.12	30.47	61.36
8.43	11	09.41
5.15.12	30.47	5.2.03
14.13	19.45	78.5.76
5.11.09	78.22	127.6.18
3.53.40	70.10	68.8.35
1.17.48	70.37	
19.25.45	33.00	Lat 29.45 S
Low west	35.28	

8.45

Feb 19 1855

5.17.38	33.47	61.53
8.45	11	08.33
5.17.38	33.47	51.5.30
14.13	29.47	78.6.22
5.08.40	78.49	137.1.48
3.52.06	70.10	68.8.74
1.16.34	70.58	Lat 29.47
19.08.30	33.11	
Low west	37.42	

8.47

Feb 20 1855

5.55.02	26.43	65.24
8.47	11	07.33
5.49.15	26.54	58.7.90
14.11	20.38	82.0.41
5.35.14	70.15	146.1.52
4.20.02	136.37	73.0.76
1.14.02	68.18	Lat 30.8 S
18.43	33.34	
Low west	41.24	

8.49

Feb 21 1855

5.43.14	27.47	66.35
8.49	11	07.40
5.30.24	27.58	55.1.69
4.14.29	30.32	61.8.39
1.24.56	29.28	44.3.81
13.55	138.16	72.1.90
1.11.01	68.08	
17.45.15	27.58	
	41.10	

Low by Chron 17.45.15
Lunar 17.19.00

Lat 30.52 South

Box 3915 - South

[illegible]

$\frac{1.6 \times 10^{-12} \times 27.47}{6.384 \times 10^{-12} \times 28.06}$ Lat 33° 52' North
 Long 118° 52'

509 March 9th 1855

$$\begin{array}{r}
 440.50 \\
 9.50 \\
 \hline
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 418.00 \\
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 403.00
 \end{array}$$

7127 March 28 1855

420.45	8093	7972
3.27	11	6344
471.41	3044	4575
12.44	3346	8345
359.16	8246	197537
353.14	146.40	65745
6.02	73	733405
130.30	3044	
100.1	43.66	

9109 *Musculus mus*

4.19.59	2.9.34	6.0.41
4.18.50	3.0.45	6.2.12
4.18.12	3.0.45	6.2.12
3.58.38	8.3.05	6.2.12
2.40.34	14.1.02	15.7.3.05
2.0.06	14.1.02	6.5.6.32
1.37.30	13.31	
0.0.0	2.0.21	2.4.35.45.50.00
	2.0.21	

7-11 March 1955

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 99. 99. 99
 100. 100. 100

9.12 Ch. 4.10"
March 5th 1852
Lat by L. H. 35.13 South
Long by L. H. 2.10 East

5-15-
2

$$\begin{array}{r} 4.1448 \\ 4.15 \\ \hline 4.10.23 \\ 11.31 \\ \hline 3.59.02 \\ 1.22.01 \\ \hline 22.02 \end{array}$$

$$\begin{array}{r} 23.21 \\ 71 \\ \hline 23.12 \\ 24.18 \\ 34.18 \\ 142.46 \\ \hline 47.24 \\ 45.12 \end{array}$$

$$\begin{array}{r} 8824 \\ 2215 \\ \hline 50374 \\ 87283 \\ \hline 146556 \\ 7032 \end{array}$$

5-4-7 48.12 2-7 35.12 48.12

¹⁷/₂ Dec 2 1855

434.55	1834	8406
4.17	11	2157
421.38	18.45	51712
11.17	35.16	86503
410.21	84.41	752537
413.01	188.42	76265
32.40	69.21	

5.10 18.00 Sat 3.5.16 (Wed)

19
2 March 8th 1958

3-18-59	35-11	3-18-59
3-19-06	35-11	3-19-06
4-00-00	35-11	4-00-00
4-1-35	35-11	4-1-35
11-24-30	35-11	11-24-30
2-00-00	35-11	2-00-00

March 10th 1855

3.12.05	24.24	8.2.1
3.12.05	11	8.1.4
3.12.05	24.35	4.6.41
3.12.05	35.21	5.7.00
3.12.05	8.41	14.8.06
3.12.05	25.49	11.5.53
3.12.05	72.44	1.30.12
3.12.05	24.37	
3.12.05	28.14	

25. March 11th 1855

251	3	46	5	7
212	3	41	3	97
2110	3	31	3	463
1017	3	11	25682	
1113	2	19	62	1
1013	2	19		
5100	2	19		

$$\frac{15.30}{100} \times \frac{35.22}{100} = 5.38\%$$

9.27

March 12th 1855

2.07.03	34.99	74.45
3.27	11	
2.17.56	35.41	26.76
10.01	36.96	8.25
1.07.55	36.37	120.93
3.07.46	38.28	50.28
59.53	19.22	
14.58.15	35.41	
Low East	43.21	

9.29

March 13th 1855

Lat 36.36 South
Long 16.40 East

9.31

March 14th 1855

1.13.15	46.05	100.44
9.31	11	0.45
1.03.37	46.16	8.88817
9.25	37.29	0.80166
0.54.19	87.23	18.79072
1.55.07	171.05	9.37536
1.00.48	85.34	
15.12.37	46.16	
Low East	39.15	

9.33

March 15th 1855

4.07.11	14.46	96.70
9.33	11	50.92
3.52.35	14.57	52.810
9.37	36.50	91.257
3.43.27	37.49	15.4778
4.51.36	139.36	77.385
1.08.07	69.48	
17.01.45	14.57	
Low East	54.51	

9.35

March 16th 1855

2.55.08	26.95	94.17
9.35	11	80.21
2.45.33	36.23	27.514
8.53	36.23	87.646
2.36.40	50.74	136.711
3.50.51	151.14	68.954
1.14.11	26.39	
18.02.25	28.15	
Low East		

9.37

March 17th 1855

3.06.13	27.77	77.18
9.37	11	26.13
2.56.56	29.19	42.717
8.36	36.15	59.112
2.48.20	88.36	41.760
2.06.05	28.50	71.888
2.17.45	74.21	
19.26.15	23.19	
Low East	37.16	

9.32

March 18th 1855

2.08.06	0.42	10.198
9.32	11	100.28
1.58.21	31.53	26.79
8.18	31.53	26.79
1.50.45	31.53	26.79
3.16.35	31.53	26.79
1.25.23	31.53	26.79
3.1.35	31.53	26.79
Low East	27.25	

9.34

March 19th 1855

2.13.24	27.58	105.415
9.34	11	80.403
2.03.23	27.40	92.642
8.01	31.53	88.334
1.55.22	89.23	132.754
3.55.00	55.32	66.97
1.42.38	47.46	
2.5.39.30	27.49	
Low East	47.57	

9.36

March 20th 1855

2.37.05	21.52	44.26
9.36	11	44.646
2.27.34	21.23	87.879
7.43	36.24	143.81
2.19.56	47.45	71.977
4.13.04	47.32	
1.53.08	47.46	
2.8.17	21.23	
Low East	52.23	

9.38

March 21st 1855

2.28.02	20.54	84.34
9.38	11	46.641
2.18.17	21.05	83.544
7.24	34.34	174.810
2.10.53	40.10	72.410
4.15.56	25.40	
2.05.03	21.05	
3.1.15.45	51.49	
Low East		

9.40

March 22nd 1855

1.52.33	27.24	84.75
9.40	11	000.00
1.40.46	27.35	37.185
7.27	34.35	87.646
1.33.34	90.35	133.303
3.41.40	152.46	66.621
2.01.37	76.23	
2.01.37	67.34	
3.1.52.45	48.45	
Low East		

9.42

March 23rd 1855

2.14.23	21.23	96.29
9.42	11	0.56
2.04.34	21.39	71.822
6.05	34.42	143.002
2.57.45	21.57	71.521
4.10.01	107.33	
2.12.16	73.46	
3.3.04	51.39	
Low East	52.05	

9.44

March 24th 1855

Lat 34.56 South
Long 23.04 East

9.51
 March 24th 1855
 2.06.23 22.06 5628
 9.51 11 0012
 1.56.31 32.17 15275
 34.56 87653
 1.48.01 91.31 41571
 1.03.03 10.04 70745
 4.01.25 22.07 40134568
 33.52 50.00
 Low East

10.01
 March 29th 1855
 2.01.34 19.49 6816
 10.01 11 0002
 1.51.33 20.00 48022
 4.58 31.16 59522
 1.46.35 93.15 75040
 4.16.30 44.34 72520
 2.30.15 72.17
 37.33.45 20.00
 52.17

9.53
 March 25th 1855
 2.21.12 17.17 8506
 9.53 11 0020
 2.11.12 17.30 48411
 6.12 35.16 91203
 2.06.27 91.45 48440
 4.28.13 44.31 44220
 2.23.06 72.15 35165
 35.46.30 17.30 54.43
 Low East

10.02
 March 30th 1855
 0.16.15 40.17 6283
 10.02 11 0059
 0.06.12 40.24 13704
 4.41 30.05 62269
 0.01.31 93.40 702635
 2.32.15 64.09 51317
 2.30.37 82.04
 37.39.45 40.24 41.40
 Low East

9.55
 March 26th 1855
 2.48.15 11.13 8708
 9.55 10 0030
 2.38.20 11.23 54836
 5.53 35.05 92803
 2.32.27 92.05 156377
 4.57.56 38.36 78188
 2.25.29 69.18 35058
 36222.15 11.23 57.55
 Low East

10.05
 March 31st 1855
 1.02.30 30.42 6189
 10.05 11 0010
 0.52.23 40.24 38104
 4.22 19.13 56061
 2.5.23 94.05 126330
 3.22.35 74.24 63115
 2.34.92 40.24 41.40
 35.35 7.6.31
 Low East

9.57
 March 27th 1855
 2.10.22 17.04 8619
 9.57 11 0042
 2.00.25 17.11 48272
 5.35 34.55 91328
 1.04.56 32.31 148351
 4.27.34 44.37 14175
 2.23.04 72.18 3455
 35.16 17.11 38.16
 Low East 55.07 Low 38.16 East

10.07
 April 1st 1855
 3.27.37 31.05 6283
 10.07 11 0044
 3.13.30 12.4.35 64634
 4.00 94.05 126330
 3.08.30 12.3.42 126330
 5.55.10 67.01 64634
 2.43.40 62.27
 40.55.00
 Low East

9.58
 March 28th 1855
 0.53.10 32.36 7682
 9.58 11 0055
 2.43.11 31.47 56116
 5.17 32.05 120455
 3.37.54 32.13 60227
 3.08.48 15.0.45
 2.30.55 22.22
 37.42.30 32.27
 46.35

10.09
 April 2nd 1855
 1.50.08 15.31 6125
 10.09 11 0054
 1.38.53 15.32 49726
 3.25 19.05 90254
 1.35.15 67.01 126330
 4.21.41 4.05 126330
 2.45.16 41.34
 41.21.30 18.32
 13.02

Low 33.05 East
 Low 37.42 East
 Low 33.05 East
 Low 37.42 East

Low 41.21 East
 Low 29.05 East

10.11 Chron Error
 April 3rd 1855
 11.52.16 41.55 55.21
 10.11 11 51.78
 11.42.05 42.04 59.17
 3.25 29.14 81.02
 11.35.37 45.12 56.09
 14.22.05 55.35 48.44
 2.43.23 82.43 Lat 24.17 S
 40.50.45 70.40 Long 40.50
 Low East

10.12 Chron Error
 April 4th 1855
 10.04.00 63.34 85.9
 10.11 11 53.1
 3.57.34 52.28 53.14
 1.56 13.35 52.413
 9.55.41 21.04 59.17
 12.24.06 17.27 59.57
 2.00.05 59.49 Lat 15.17 S
 42.31.15 33.57 Long 40.50
 Low East

10.13
 April 4th 1855
 0.47.55 32.17 50.51
 10.13 11 52.06
 0.57.42 22.34 33.19
 3.07 27.06 85.024
 0.34.33 95.36 12.3475
 3.14.49 55.12 61.736
 2.41.16 77.36
 40.19 32.30 Lat 27.06 South
 Low East 45.06

10.22 April 9th 1855
 1.35.10 23.06 16.44
 10.22 11 53.73
 1.24.47 23.17 56.19
 1.41 15.40 84.875
 1.22.06 27.30 143.864
 4.12.48 156.27 171.32
 2.44.44 68.13
 42.26 23.17 Lat 10.0 South
 Low East 44.56

10.15
 April 5th 1855
 0.54.51 30.37 38.45
 10.15 11 52.37
 0.42.36 30.28 40.297
 2.51 23.56 84.205
 0.46.45 95.59 120.044
 3.27.45 150.43 54.522
 2.43.00 15.21
 40.45.02 30.45 Lat 23.56 S
 Low East 44.83

10.25 April 10th 1855
 1.22.37 24.72 15.60
 10.25 11 54.11
 1.15.12 24.29 51.308
 1.25 15.72 84.632
 1.16.47 27.52 142.398
 4.08.45 137.37 51.195
 2.51.12 68.48
 42.49.30 24.23
 44.25

10.17
 April 6th 1855
 1.06.05 29.35 20.65
 10.17 11 52.66
 0.55.48 29.46 45.292
 2.32 20.56 83.780
 0.53.15 96.20 132.503
 3.34.58 147.02 66.251
 2.45.48 73.31
 41.25.45 32.46 Lat 22.18 South
 Low East 43.45

10.27 April 11th 1855
 10.29 April 12th 1855
 1.21.25 24.15 12.60
 10.29 11 54.71
 1.10.58 25.06 54.951
 5.0 13.46 89.887
 1.10.06 26.16 140.601
 4.05.36 137.98 170.800
 2.55.32 58.46 Lat 13.46 S
 43.54.15 23.38
 Low East

10.19
 April 7th 1855
 1.41.28 21.28 29.72
 10.19 11 53.03
 1.21.04 21.34 52.06
 2.14 18.47 86.966
 1.25.54 26.45 135.287
 4.17.06 137.11 126.43
 2.45.34 65.83
 42.08.30 21.37 Lat 14.17 South
 Low East 40.56

10.31 April 13th 1855
 1.16.53 25.33 14.51
 10.31 11 53.74
 1.06.22 25.43 56.01
 5.0 12.40 83.965
 1.05.46 22.02 167.507
 2.57.57 134.25
 44.29.15 25.43 Lat 14.17 S
 Low East 42.57
 South 14.17 South
 Low East 42.06 East

Lat at noon 14.20 South
 Low at noon 42.06 East

South 14.17 South
 Low East 42.06 East

1032

April 14th 1855

4.12.32	26.41	00428
10.38		00597
7.03.31	26.41	56091
7.07.44	11.48	32892
4.01.14	37.13	140425
4.00.14	37.22	70214
45.03	36.17	124860th
Low East	42.25	

1035 April 15th 1855

Let by the 1045 South
Low East 44.00 East

1036 April 16th 1855

Let 44.05 South
Low 44.38 East

1037 April 17th 18551041 April 18th 1855

2.17.31	11.26	00660
10.41	10	00771
2.06.50	11.36	67368
31	9.56	57707
2.07.17	10.34	157907
5.04.16	132.30	78963
3.56.43	61.76	
44.18.45	11.36	Let 9.04 South
Low East	48.35	

1042 April 19th 1855

1.21.47	23.37	00476
10.43		00520
7.11.04	24.06	57455
50	8.33	83147
7.11.54	101.06	143898
4.12.55	101.06	71249
3.01.01	135.07	
45.15.15	66.31	Let 9.05
Low East	24.58	
	42.43	

1045 April 20th 1855

1.13.12	23.27	00423
10.41	11	00570
7.12.27	33.38	59434
1.06	6.37	83340
7.13.31	101.26	144287
4.14.30	135.21	72193
3.00.17	16.50	
45.14.40	23.38	
	43.12	

Let by the 1034 South
Low 44.14 East

Low 44.14 East

1047

April 21st 1855

1.21.56	13.37	00337
10.47	11	00335
7.11.09	23.20	60425
1.16	7.06	53200
7.12.25	101.47	145196
4.17.02	132.15	72398
3.04.37	66.27	
46.09.15	23.22	Let 9.05 South
Low East	42.47	

1049 April 22nd 1855

55.44	27.30	00310
10.47	11	00976
44.55	24.41	56770
1.28	06.50	81368
46.23	102.06	137434
3.58.54	136.37	69717
3.12.31	68.18	
48.07.45	27.44	
	40.37	

1051 April 23rd 1855

12.54.01	27.42	264
10.41	11	1033
12.43.10	27.12	57358
1.41	6.19	81425
12.44.51	102.27	20145
16.01.04	136.00	50071
3.16.13	68.00	
43.03.15	27.14	Let 6.17 South
Low East	40.46	

1053 April 24th 1855

0.54.20	26.52	266
10.53	11	1070
0.39.36	27.03	57261
1.52	6.20	81723
0.41.28	102.47	20380
4.01.28	136.10	50130
3.20.20	68.05	
50.05	27.05	Let 6.00 S
Low East	41.02	

1055 April 25th 1855

0.52.36	25.37	208
10.55	11	1145
0.42.03	25.44	58728
2.03	5.36	82112
0.42.55	103.06	147264
4.04.55	134.21	71132
3.13.26	67.13	
50.51.30	25.46	
	41.23	

1047 April 26th 1855

0.52.13	24.52	160
10.57	11	1202
0.41.16	25.03	58945
2.14	5.55	82240
0.43.30	103.33	143351
4.11.03	135.33	71525
3.27.38	68.01	
57.54.30	25.03	
	41.38	

Let by the 1034 South
Low 44.14 East

Low 44.14 East

10.59

April 27th 1855

1141

May 3rd 1855

1.32.35 14.38 104
10.59 11 12.66
1.21.36 14.49 68150
2.12.4 3.58 86400
1.24.00 103.46 75550
4.54.46 122.33 77790
2.30.46 61.16 77790
52.41.30 141.49 77790
Low East 76.27

11.06.50 45.18 54
11.11 16.17
10.55.39 4.24 35314
3.14 2.52 77750
10.58.53 105.35 108747
4.43.51 153.56 54398
3.44.58 76.58
56.14.30 45.29 31.29

11.01 April 28th 1855

31.59 27.45 102
11.01 132.7
20.58 27.56 57451
2.34 3.55 80822
0.23.32 104.04 139697
3.27.42 135.55 64843
2.36.10 67.57
54.02.30 27.56 Lat 35 South
Low East 40.01

11.13 May 4th 1855

0.40.44 23.31 35
11.13 16.17
0.28.56 23.42 61045
3.12 2.18 52747
0.32.16 105.53 145515
4.18.13 131.53 72757
3.45.37 65.56
56.29.44 42.12 Lat 214 South
Low East

11.02 April 29th 1855

Lat 35.3 South
Low 55.09 East
Made of the...
of the...
Lat 35.3 South

11.15 May 5th 1855

25.39 25.27 50
11.15 17.56
15.24 25.35 56674
3.27 2.45 82255
0.21.51 106.11 142739
4.07.11 134.34 71369
3.47.20 67.17
56.50 25.38 Lat 20.5 South
Low East 41.39

11.05 April 30th 1855

Lat 35.3 South
Low 55.40 East

11.17 May 6th 1855

0.43.39 22.05 64
11.17 18.19
0.32.32 22.16 61073
3.32 3.06 53901
0.35.54 106.32 146857
4.22.45 131.50 73428
3.46.51 65.56
56.42.45 22.16 Lat 8.06 South
Low East 23.55

11.07 May 7th 1855

8.29.28 Lat 30.7 South
337.44 Low 55.12 East
16.12
13.06
11.55
2.55
8.70.18
12.07.55
3.45.35

11.19 May 7th 1855

11.52.50 34.15 57
11.19 14.79
11.33.31 34.26 46461
3.32 2.56 78560
11.43.03 136.44 129377
15.30.35 141.66 64688
3.47.27 64.26
56.54.45 37.37

11.09 May 2nd 1855

11.25.42 40.43 74
11.09 11 1564
11.14.33 40.54 1001
3.07 3.20 74681
11.19.40 105.17 118320
15.03.52 149.31 59168
3.46.12 74.45
56.33 40.54 33.51

Lat 3.20 South
Low 56.33 East

Lat 3.20 South
Low 56.33 East

1121

May 5th 1855

0.2008	4.44	56
11.21	11	1940
0.0917	4.95	56085
3.41	2.55	81911
0.13.55	107.10	79997
4.00.36	137.20	69556
3.47.39	68.60	
56.54.30	41.15	Lat 41 South
Sun East		

1122 May 7th 1855

0.17.05	28.12	54
11.23	11	2007
0.05.42	28.23	54836
1.25	1.56	51622
0.09.27	107.17	79532
3.18.10	138.36	69251
3.46.43	68.18	
56.40.45	40.55	Lat 40 South
Sun East		

1125 May 10th 1855

0.22.02	27.47	54054
11.23	11	2007
0.10.44	28.54	54836
1.25	1.56	51622
0.11.38	107.17	79532
3.45.00	138.36	69251
3.49.13	68.18	
56.57	41.15	Lat 41 South
Sun East		

1128 May 13th 1855

0.17.55	28.12	90
11.23	11	2007
0.09.27	107.17	79532
3.18.10	138.36	69251
3.46.43	68.18	
56.40.45	40.55	Lat 40 South
Sun East		

1129 May 12th 1855

0.22.02	27.47	54054
11.23	11	2007
0.10.44	28.54	54836
1.25	1.56	51622
0.11.38	107.17	79532
3.45.00	138.36	69251
3.49.13	68.18	
56.57	41.15	Lat 41 South
Sun East		

1131

May 15th 1855

0.22.02	27.47	91
11.23	11	2007
0.10.44	28.54	54836
1.25	1.56	51622
0.11.38	107.17	79532
3.45.00	138.36	69251
3.49.13	68.18	
56.57	41.15	Lat 41 South
Sun East		

1133 May 14th 1855

1135 May 15th 1855

1137 May 16th 1855

1139 May 17th 1855

1141 May 18th 1855

1143 May 19th 1855

11405

May 17th 1955
Sat by 10:42 - 10:45
45.45 East

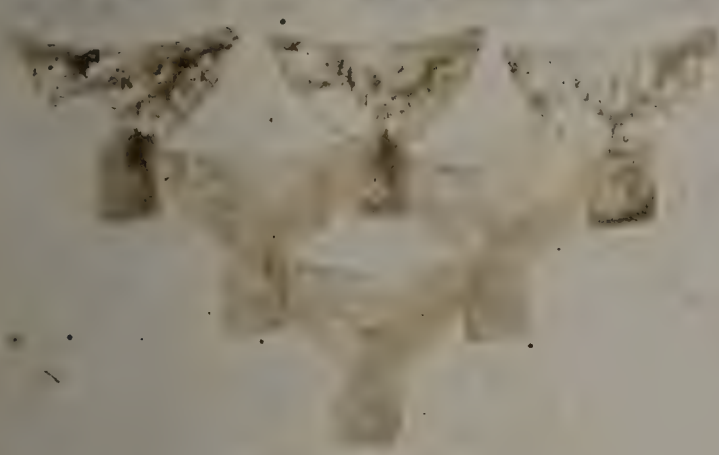
10:37
10:45
10:50

11408 May 20th 1955
Sun 10:45 - 10:50
45.45 East

10:45
10:50
10:55

11415 May 21st 1955
Sun 10:57 - 11:00
45.18 East

11:00
11:05
11:10



11:15
11:20
11:25

11:30
11:35
11:40

11420 May 22nd 1955
Mon 11:40 - 11:45
45.45 East

11:45
11:50
11:55



12:00
12:05
12:10

11426 May 26th 1955
Fri 12:15 - 12:20
45.45 East

12:20
12:25
12:30



12:35
12:40
12:45

1348 June 19th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1349 June 20th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1350 June 21st 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1351 June 22nd 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1352 June 23rd 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1353 June 24th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1354 June 25th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1355 June 26th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1356 June 27th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1357 June 28th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1358 June 29th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1359 June 30th 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1360 June 31st 1850
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1361 July 1st 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1362 July 2nd 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1363 July 3rd 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1364 July 4th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1365 July 5th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1366 July 6th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1367 July 7th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1368 July 8th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1369 July 9th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1370 July 10th 1851
Sailed from ...
Lat 41° 11' North
Long 51° 11' West

1327

July 9th 1855
Set by Mr. 3:45 South
Sun - 5445 East

1328

July 10th 1855
Set by Mr. 3:45 South
Sun - 5425 East

1329

July 11th 1855
Set by Mr. 3:45 South
Sun - 5515 East

1330

July 12th 1855
Set by Mr. 3:45 South
Sun - 5345 East

1331

July 13th 1855
Set by Mr. 3:45 South
Sun - 5215 East

1332

July 14th 1855
Set by Mr. 3:45 South
Sun - 5145 East

1333

July 15th 1855
Set by Mr. 3:45 South
Sun - 5015 East

1341

July 16th 1855
Set by Mr. 3:45 South
Sun - 4855 East

1342

July 17th 1855
Set by Mr. 3:45 South
Sun - 4715 East

1343

July 18th 1855

1344

July 19th 1855
Made the first
of Penn. in leaving the
field near the

1345

July 20th 1855
Set by Mr. 3:45 South
Sun - 4615 East

1351

July 21st 1855
Set by Mr. 3:45 South
Sun - 4515 East

1352

July 22nd 1855
Set by Mr. 3:45 South
Sun - 4415 East

1353

July 23rd 1855
Set by Mr. 3:45 South
Sun - 4315 East

1354

July 24th 1855
Set by Mr. 3:45 South
Sun - 4215 East

1355

July 25th 1855
Set by Mr. 3:45 South
Sun - 4115 East

1356

July 26th 1855
Set by Mr. 3:45 South
Sun - 4015 East

1357

July 27th 1855
Set by Mr. 3:45 South
Sun - 3915 East

1358

July 28th 1855
Set by Mr. 3:45 South
Sun - 3815 East

1359

July 29th 1855
Set by Mr. 3:45 South
Sun - 3715 East

1360

July 30th 1855
Set by Mr. 3:45 South
Sun - 3615 East

July 28th 1854
 Lat by Obs 14° South
 Long by Obs 42° 16 East
 Sail from the Coast of
 Africa and found the
 Channel to be the grain
 on for the Sirce h
 coming from the North
 which appears to be
 up to the time of
 the grain and
 the Channel

July 29th 1854
 Lat 14° 29 South
 Long 42° 40 East

July 30th 1854
 Lat 14° 50 South
 Long 42° 40 East

August 1st 1854
 Lat 14° 50 South
 Long 42° 40 East

August 2nd 1854
 Lat 14° 50 South
 Long 42° 40 East

August 3rd 1854
 Lat 14° 50 South
 Long 42° 40 East

August 4th 1854
 Lat 14° 50 South
 Long 42° 40 East

August 5th 1854
 Lat 14° 50 South
 Long 42° 40 East

August 6th 1854
 Lat 14° 50 South
 Long 42° 40 East

1428
 August 7th 1854
 Lat 14° 50 South
 Long 42° 40 East

1429
 August 8th 1854
 Lat 14° 50 South
 Long 42° 40 East

1430
 August 9th 1854
 Lat 14° 50 South
 Long 42° 40 East

1431
 August 10th 1854
 Lat 14° 50 South
 Long 42° 40 East

1432
 August 11th 1854
 Lat 14° 50 South
 Long 42° 40 East

1433
 August 12th 1854
 Lat 14° 50 South
 Long 42° 40 East

1434
 August 13th 1854
 Lat 14° 50 South
 Long 42° 40 East

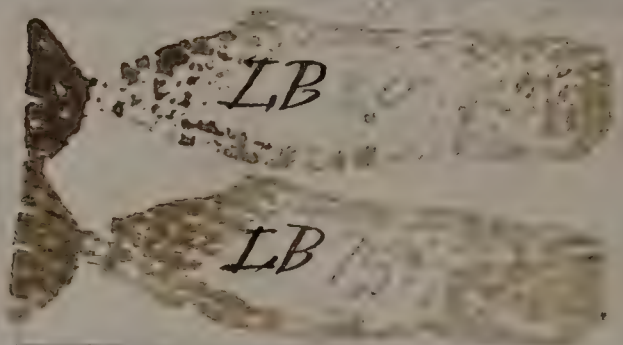
1435
 August 14th 1854
 Lat 14° 50 South
 Long 42° 40 East

1436
 August 15th 1854
 Lat 14° 50 South
 Long 42° 40 East

1437
 August 16th 1854
 Lat 14° 50 South
 Long 42° 40 East

1438
 August 17th 1854
 Lat 14° 50 South
 Long 42° 40 East

1439
 August 18th 1854
 Lat 14° 50 South
 Long 42° 40 East



1447

August 18th 1850
Lat by the 359 South
Long by Chron 1045 East

1449 August 19th 1850
Lat by the 339 South
Long by Est 1036 East

1451 August 20th 1850
Lat by the 310 South
Long by Est 1100 East

1452 August 21st 1850
Lat by the 280 South
Long by Est 12445 E.

1453 August 22nd 1850
Lat by the 250 South
Long by Est 13440 East

1454 August 23rd 1850
Lat by the 220 South
Long by Est 15 East

1455 August 24th 1850
Lat by the 190 South
Long by Est 184844 East

1456 August 25th 1850
Lat by the 160 South
Long by Est 19445 East
The above is a
series of observations
made on the 25th of
August 1850 at
the same place
The above is a
series of observations
made on the 25th of
August 1850 at
the same place

1457 August 26th 1850
Lat by the 130 South
Long by Est 20445 East
The above is a
series of observations
made on the 26th of
August 1850 at
the same place

18050

August 26th 1850
Lat by the 100 South
Long by Est 21445 East

1458 August 27th 1850
Lat by the 70 South
Long by Est 22445 East

1459 August 28th 1850
Lat by the 40 South
Long by Est 23445 East

1460 August 29th 1850
Lat by the 10 South
Long by Est 24445 East

1461 August 30th 1850
Lat by the 0 South
Long by Est 25445 East

1462 August 31st 1850
Lat by the 0 South
Long by Est 26445 East

1463 August 31st 1850
Lat by the 0 South
Long by Est 27445 East

1464 August 31st 1850
Lat by the 0 South
Long by Est 28445 East

1465 August 31st 1850
Lat by the 0 South
Long by Est 29445 East

1466 August 31st 1850
Lat by the 0 South
Long by Est 30445 East

1467 August 31st 1850
Lat by the 0 South
Long by Est 31445 East

1468 August 31st 1850
Lat by the 0 South
Long by Est 32445 East

1945 Sept 4th 1945
Lat by Obs 6.07 South
Long by Obs 40.56 East

1945 Sept 5th 1945
Lat by Obs 6.27 South
Long by Obs 40.56 East

1945 Sept 6th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 7th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 8th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 9th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 10th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 11th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 12th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 13th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 14th 1945
Lat by Obs 6.29 South
Long by Obs 40.55 East

1945 Sept 15th 1945
Lat by Obs 6.07 South
Long by Obs 40.36 East

1945 Sept 16th 1945
Lat by Obs 6.24 South
Long by Obs 39.55 East

1945 Sept 17th 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 18th 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 19th 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 20th 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 21st 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 22nd 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 23rd 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 24th 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

1945 Sept 25th 1945
Lat by Obs 6.41 South
Long by Obs 41.15 East

21-51
 Sept 25th 1954
 Lat by Obs 33° 10' North
 Long by Obs 40° 11' East

21-52
 Sept 26th 1954
 Lat by Obs 45° 00' South
 Long by Obs 42° 20' East

22-05
 Sept 27th 1954
 Lat by Obs 49° 10' North
 Long by Obs 40° 22' East

22-06
 Sept 28th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-07
 Sept 29th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-08
 Sept 30th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-09
 Oct 1st 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-10
 Oct 2nd 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-11
 Oct 3rd 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-12
 Oct 4th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-13
 Oct 5th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

22-14
 Oct 6th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-01
 Oct 7th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-02
 Oct 8th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-03
 Oct 9th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-04
 Oct 10th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-05
 Oct 11th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-06
 Oct 12th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-07
 Oct 13th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-08
 Oct 14th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-09
 Oct 15th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-10
 Oct 16th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-11
 Oct 17th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

23-12
 Oct 18th 1954
 Lat by Obs 50° 10' North
 Long by Obs 40° 22' East

25.15
1. Oct 15th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 16th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 17th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 18th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 19th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 20th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 21st 1855
Left by Ch 150 North
42.00 East

25.15
Oct 22nd 1855
Left by Ch 150 North
42.00 East

25.15
Oct 23rd 1855
Left by Ch 150 North
42.00 East

25.15
Oct 24th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 25th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 26th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 27th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 28th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 29th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 30th 1855
Left by Ch 150 North
42.00 East

25.15
Oct 31st 1855
Left by Ch 150 North
42.00 East

25.15
Nov 1st 1855
Left by Ch 150 North
42.00 East

25.15
Nov 2nd 1855
Left by Ch 150 North
42.00 East

25.15
Nov 3rd 1855
Left by Ch 150 North
42.00 East

25.15
Nov 4th 1855
Left by Ch 150 North
42.00 East

25.15
Nov 5th 1855
Left by Ch 150 North
42.00 East

25.15
Nov 6th 1855
Left by Ch 150 North
42.00 East

26440

Nov 14 1855
Set by Chas. J. Smith
Run - 47.55 East

26441

Nov 15 1855
Set by Chas. J. Smith
Run - 47.55 East

26442

Nov 16 1855
Set by Chas. J. Smith
Run - 47.55 East

26443

Nov 17 1855
Set by Chas. J. Smith
Run - 47.55 East

26444

Nov 18 1855
Set by Chas. J. Smith
Run - 47.55 East

26445

Nov 19 1855
Set by Chas. J. Smith
Run - 47.55 East

26446

Nov 20 1855
Set by Chas. J. Smith
Run - 47.55 East

26447

Nov 21 1855
Set by Chas. J. Smith
Run - 47.55 East

26448

Nov 22 1855
Set by Chas. J. Smith
Run - 47.55 East

26449

Nov 23 1855
Set by Chas. J. Smith
Run - 47.55 East

26450

Nov 24 1855
Set by Chas. J. Smith
Run - 47.55 East

26451

Nov 25 1855
Set by Chas. J. Smith
Run - 47.55 East

26452

Nov 26 1855
Set by Chas. J. Smith
Run - 47.55 East

26453

Nov 27 1855
Set by Chas. J. Smith
Run - 47.55 East

26454

Nov 28 1855
Set by Chas. J. Smith
Run - 47.55 East

26455

Nov 29 1855
Set by Chas. J. Smith
Run - 47.55 East

26456

Nov 30 1855
Set by Chas. J. Smith
Run - 47.55 East

26457

Dec 1 1855
Set by Chas. J. Smith
Run - 47.55 East

26458

Dec 2 1855
Set by Chas. J. Smith
Run - 47.55 East

26459

Dec 3 1855
Set by Chas. J. Smith
Run - 47.55 East

26460

Dec 4 1855
Set by Chas. J. Smith
Run - 47.55 East

26461

Dec 5 1855
Set by Chas. J. Smith
Run - 47.55 East

27.530

Jan 10th 1856
Lat by Obs 9.46 South
Long 57.50 East

27.542

Jan 31st 1856
Lat by Obs 9.50 South
Long 57.53 East

27.574

Jan 1st 1856
Lat by Obs 9.50 South
Long 57.50 East

27.586

Jan 2nd 1856
Lat by Obs 9.07 South
Long 57.50 East

27.598

Jan 3rd 1856
Lat by Obs 9.05 South
Long 57.50 East

27.610

Jan 4th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.622

Jan 5th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.634

Jan 6th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.646

Jan 7th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.658

Jan 8th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.670

Jan 9th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.682

Jan 10th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.694

Jan 11th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.706

Jan 12th 1856
Lat by Obs 9.54 South
Long 57.54.15 East

27.718

Jan 13th 1856
Lat by Obs 11.12 South
Long 58.05 East

27.730

Jan 14th 1856
Lat by Obs 11.12 South
Long 58.05 East

27.742

Jan 15th 1856
Lat by Obs 10.57 South
Long 58.42.15 East

Chron & Lunar Differ
one Minute and 22 Seconds
Chron time 11.47.38
Lunar " 11.46.16
Difference 1.22

27.754

Jan 16th 1856
Lat by Obs 11.12 South
Long 58.05 East

27.766

Jan 17th 1856
Lat by Obs 11.12 South
Long 58.05 East

27.778

Jan 18th 1856
Lat by Obs 11.12 South
Long 58.05 East

27.790

Jan 19th 1856
Lat by Obs 11.12 South
Long 58.05 East

32125 July 19th 1852
Lat by Obs 49° 30' South
Long 120° 40' East

32126 July 20th 1852
Lat by Obs 49° 20' South
Long 120° 15' East

32127 July 23rd 1852
Lat by Obs 49° 35' South
Long 120° 45' East

32128 July 24th 1852
Lat by Obs 49° 50' South
Long 120° 45' East

32129 July 25th 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32130 July 26th 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32131 July 27th 1852
Lat by Obs 49° 50' South
Long 120° 45' East

32132 July 28th 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32133 July 29th 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32134 July 30th 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32135 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32136 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32137 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32138 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32139 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32140 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32141 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32142 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32143 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

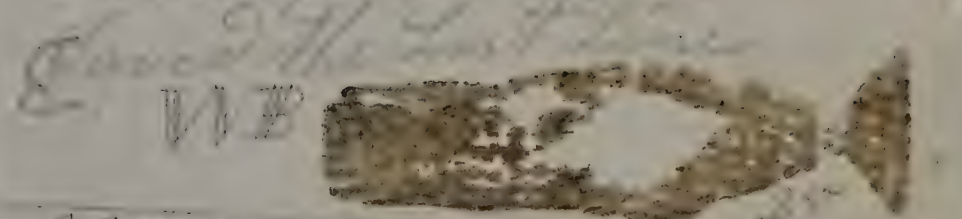
32144 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32145 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32146 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32147 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East

32148 July 31st 1852
Lat by Obs 49° 45' South
Long 120° 45' East



3426

March 5th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3430

March 6th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3432

March 7th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3434

March 8th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3436

March 9th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3438

March 10th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3440

March 11th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3442

March 12th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3444

March 13th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3446

March 14th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3448

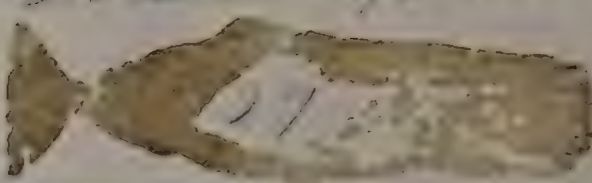
March 15th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3538

March 15th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3539

March 17th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

 S.B.

3540

March 18th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3541

March 19th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3542

March 20th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3543

March 21st 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3544

March 22nd 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3545

March 23rd 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3546

March 24th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3547

March 25th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

3548

March 26th 1856
Lat by Obs 11.55 South
Long by Obs 41.35 East

 S.B.

36263

March 26th 1856
Lat by Obs 100 South
Long 122 44 15 East

36318

March 27th 1856

Lat by Obs 99 miles South
Long 122 49 East

36384

March 28th 1856

Lat by Obs 100 miles South
Long 122 36 East



36442

March 29th 1856

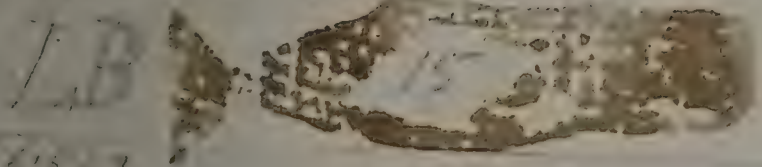
Lat by Obs 100 miles South
Long 122 30 East



36486

March 30th 1856

Lat by Obs 100 miles South
Long 122 15 East



36572

March 31st 1856

Lat by Obs 100 miles South
Long 122 00 East

36588

April 1st 1856

Lat by Obs 100 miles South
Long 121 50 East

37054

April 2nd 1856

Lat by Obs 100 miles South
Long 121 40 East

37116

April 3rd 1856

Lat by Obs 100 miles South
Long 121 30 East

37186

April 4th 1856

Lat by Obs 100 miles South
Long 121 20 East

37224

April 5th 1856

Lat by Obs 100 miles South
Long 121 10 East

37288

April 6th 1856

Lat by Obs 100 miles South
Long 121 00 East

37352

April 7th 1856

Lat by Obs 100 miles South
Long 120 50 East

37396

April 8th 1856

Lat by Obs 100 miles South
Long 120 40 East

37446

April 9th 1856

Lat by Obs 100 miles South
Long 120 30 East

37506

April 10th 1856

Lat by Obs 100 miles South
Long 120 20 East

37556

April 11th 1856

Lat by Obs 100 miles South
Long 120 10 East

37614

April 12th 1856

Lat by Obs 100 miles South
Long 120 00 East

37674

April 13th 1856

Lat by Obs 100 miles South
Long 119 50 East

37734

April 14th 1856

Lat by Obs 100 miles South
Long 119 40 East

37794

April 15th 1856

Lat by Obs 100 miles South
Long 119 30 East

37854

April 16th 1856

Lat by Obs 100 miles South
Long 119 20 East

39258

April 16th 1856
Lat by Obs 22 44 North
Long - 47 44 45 East

39259

April 27th 1856
Lat by Obs 22 44 North
Long - 47 29 00 East

39260

April 17th 1856
Lat by Obs 22 45 North
Long - 47 42 45 East

39261

April 25th 1856
Lat by Obs 42 miles
Long - 45 51 45 East Dist

39262

April 18th 1856
Lat by Obs 2 16 North
Long - 46 35 30 East

39263

April 29th 1856
Lat by Obs 46 miles
Long - 47 20 45 East

39264

April 19th 1856
Lat by Obs 15 1 North
Long - 46 25 12 East 20 miles Dist

39265

April 23rd 1856
Lat by Obs 24
Long - 46 12 30 East

39266

April 20th 1856
Lat by Obs 17 08 North
Long - 46 12 30 East

39267

May 1st 1856
Lat by Obs 27
Long - 49 12 East

39268

April 21st 1856
Lat by Obs 18 00 North
Long - 46 12 45 East

39269

May 12th 1856
Lat by Obs 22 miles
Long - 50 07 East

39270

April 22nd 1856
Lat by Obs 27 miles
Long - 47 00 East

39271

May 02 1856
Lat by Obs 4 18 North
Long - 50 45 15 East

39272

April 23rd 1856
Lat by Obs 21 miles
Long - 47 00 East

39273

May 4th 1856
Lat by Obs 4 35 North
Long - 50 45 East

39274

April 24th 1856
Lat by Obs 20 miles
Long - 47 30 30 East

39275

May 5th 1856
Lat by Obs 2 32 North
Long - 49 30 30 East

39276

April 25th 1856
Lat by Obs 20 miles
Long - 46 52 East

39277

May 6th 1856
Lat by Obs 3 00 North
Long - 47 00 East

39278

April 26th 1856
Lat by Obs 25 miles
Long - 47 27 East

39279

May 7th 1856
Lat by Obs 4 55 North
Long - 47 04 East

39280

May 8th 1856
Lat by Obs 6 32 North
Long - 46 53 East

39281

May 8th 1856
Lat by Obs 6 32 North
Long - 46 53 East

40326 May 7th 1856
Lat by Obs 445 South
Long by Obs 4737 East

40382 May 10th 1856
Lat by Obs 445 South
Long by Obs 4701 East

40428 May 11th 1856
Lat by Obs 445 South
Long by Obs 4650 East

40474 May 12th 1856
Lat by Obs 445 South
Long by Obs 4522 East

40550 May 13th 1856
Lat by Obs 445 South
Long by Obs 4522 East

40601 May 14th 1856
Lat by Obs 445 South
Long by Obs 4527 East

40647 May 15th 1856
Lat by Obs 445 South
Long by Obs 4530 East

40693 May 16th 1856
Lat by Obs 445 South
Long by Obs 4530 East

40739 May 17th 1856
Lat by Obs 445 South
Long by Obs 4530 East

40785 May 18th 1856
Lat by Obs 445 South
Long by Obs 4530 East

40831 May 19th 1856
Lat by Obs 445 South
Long by Obs 4530 East

40877 May 20th 1856
Lat by Obs 445 South
Long by Obs 4530 East

40923 May 21st 1856
Lat by Obs 445 South
Long by Obs 4530 East

40969 May 22nd 1856
Lat by Obs 445 South
Long by Obs 4530 East

41015 May 23rd 1856
Lat by Obs 445 South
Long by Obs 4530 East

41061 May 24th 1856
Lat by Obs 445 South
Long by Obs 4530 East

41107 May 25th 1856
Lat by Obs 445 South
Long by Obs 4530 East

41153 May 26th 1856
Lat by Obs 445 South
Long by Obs 4530 East

41199 May 27th 1856
Lat by Obs 445 South
Long by Obs 4530 East

41245 May 28th 1856
Lat by Obs 445 South
Long by Obs 4530 East

41291 May 29th 1856
Lat by Obs 445 South
Long by Obs 4530 East

41337 May 30th 1856
Lat by Obs 445 South
Long by Obs 4530 East

42482 June 24th 1856
Lat by Obs 445 South
Long by Obs 4645 East

43028 June 25th 1856
Lat by Obs 445 South
Long by Obs 4715 East

43074 June 26th 1856
Lat by Obs 445 South
Long by Obs 4715 East

43120 June 27th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43166 June 28th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43212 June 29th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43258 June 30th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43304 July 1st 1856
Lat by Obs 445 South
Long by Obs 4650 East

43350 July 2nd 1856
Lat by Obs 445 South
Long by Obs 4650 East

43396 July 3rd 1856
Lat by Obs 445 South
Long by Obs 4650 East

43442 July 4th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43488 July 5th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43534 July 6th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43580 July 7th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43626 July 8th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43672 July 9th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43718 July 10th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43764 July 11th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43810 July 12th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43856 July 13th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43902 July 14th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43948 July 15th 1856
Lat by Obs 445 South
Long by Obs 4650 East

43994 July 16th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44040 July 17th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44086 July 18th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44132 July 19th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44178 July 20th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44224 July 21st 1856
Lat by Obs 445 South
Long by Obs 4650 East

44270 July 22nd 1856
Lat by Obs 445 South
Long by Obs 4650 East

44316 July 23rd 1856
Lat by Obs 445 South
Long by Obs 4650 East

44362 July 24th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44408 July 25th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44454 July 26th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44500 July 27th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44546 July 28th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44592 July 29th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44638 July 30th 1856
Lat by Obs 445 South
Long by Obs 4650 East

44120
56

June 17th 1856
Lat by Obs 40.04 South
Long 45.00 East

44176

June 18th 1856
Lat by Obs 40.00 South
Long 44.54 East

44232

June 19th 1856
Lat by Obs 40.06 South
Long 44.48 East

44288

June 20th 1856
Lat by Obs 39.55 South
Long 44.44 East

12 11 B

44344

June 21st 1856
Lat by Obs 39.43 South
Long 44.42 East

44400

June 22nd 1856
Lat by Obs 39.47 South
Long 44.4 East

44456

June 23rd 1856
Lat by Obs 39.54 South
Long 44.36 East

44512

June 24th 1856
Lat by Obs 39.42 South
Long 44.32 East

44568

June 25th 1856
Lat by Obs 40.07 South
Long 44.30 East

44624

June 26th 1856
Lat by Obs 40.11 South
Long 44.20 East

44680

June 27th 1856
Lat by Obs 40.08 South
Long 44.22 East

44736

June 28th 1856
Lat by Obs 39.51 South
Long 44.20 East

44792

June 29th 1856
Lat by Obs 39.51 South
Long 44.20 East

45192

June 29th 1856
Lat by Obs 40.04 South
Long 44.25 East

45248

June 30th 1856
Lat by Obs 39.33 South
Long 45.40 East

45304

July 1st 1856
Lat by Obs 39.44 South
Long 45.00 East

45360

July 2nd 1856
Lat by Obs 39.51 South
Long 45.25 East

45416

July 3rd 1856
Lat by Obs 40.11 South
Long 45.00 East

45472

July 4th 1856
Lat by Obs 40.12 South
Long 46.00 East

45528

July 5th 1856
Lat by Obs 40.08 South
Long 46.30 East

45584

July 6th 1856
Lat by Obs 40.08 South
Long 46.30 East

45640

July 7th 1856
Lat by Obs 40.08 South
Long 46.30 East

45696

July 8th 1856
Lat by Obs 40.08 South
Long 46.30 East

45752

July 9th 1856
Lat by Obs 40.08 South
Long 46.30 East

45808

July 10th 1856
Lat by Obs 40.08 South
Long 46.30 East

45864

July 11th 1856
Lat by Obs 40.08 South
Long 46.30 East

45920

July 12th 1856
Lat by Obs 40.08 South
Long 46.30 East

45976

July 13th 1856
Lat by Obs 40.08 South
Long 46.30 East

46.264

July 11th 1856
Lat by Obs 10.26 South
Long by Obs 48.10 East

46.322

July 12th 1856
Lat by Obs 10.44 South
Long by Obs 48.25 East

46.376

July 13th 1856
Lat by Obs 11.03 South
Long by Obs 48.45 East

46.432

July 14th 1856
Lat by Obs 11.19 South
Long by Obs 48.55 East

46.485

July 15th 1856
Lat by Obs 11.35 South
Long by Obs 49.05 East

46.541

July 16th 1856
Lat by Obs 11.52 South
Long by Obs 49.15 East

47.000

July 17th 1856
Lat by Obs 12.13 South
Long by Obs 49.25 East

47.058

July 18th 1856
Lat by Obs 12.33 South
Long by Obs 49.35 East

47.116

July 19th 1856
Lat by Obs 12.55 South
Long by Obs 49.45 East

47.174

July 20th 1856
Lat by Obs 13.17 South
Long by Obs 49.55 East

47.232

July 21st 1856
Lat by Obs 13.40 South
Long by Obs 50.05 East

47.36

July 22nd 1856
Lat by Obs 13.65 South
Long by Obs 50.15 East

July 23rd 1856
Lat by Obs 13.90 South
Long by Obs 50.25 East

July 24th 1856
Lat by Obs 14.15 South
Long by Obs 50.35 East

July 25th 1856
Lat by Obs 14.40 South
Long by Obs 50.45 East

July 26th 1856
Lat by Obs 14.65 South
Long by Obs 50.55 East

July 27th 1856
Lat by Obs 14.90 South
Long by Obs 50.65 East

July 28th 1856
Lat by Obs 15.15 South
Long by Obs 50.75 East

July 29th 1856
Lat by Obs 15.40 South
Long by Obs 50.85 East

July 30th 1856
Lat by Obs 15.65 South
Long by Obs 50.95 East

August 1st 1856
Lat by Obs 15.90 South
Long by Obs 51.05 East

August 2nd 1856
Lat by Obs 16.15 South
Long by Obs 51.15 East

August 3rd 1856
Lat by Obs 16.40 South
Long by Obs 51.25 East

August 4th 1856
Lat by Obs 16.65 South
Long by Obs 51.35 East

53346 Sept 1st 1856
Lat by Obs 258 South
Long 41-59.30 East

53347 Sept 2nd 1856
Lat by Obs 258 South
Long 43.13 East

5344 Sept 3rd 1856
Lat by Obs 320 South
Long 41.30 East

5345 Sept 4th 1856
Lat by Obs 334 South
Long 41.45 East

5346 Sept 5th 1856
Lat by Obs 406 South
Long 41.20 East

5407 Sept 6th 1856
Lat by Obs 425 South
Long 43.30 East

54112 Sept 7th 1856
Lat by Obs 447 South
Long 41.15 East

54178 Sept 8th 1856
Lat by Obs 308 South
Long 41.47 East

5424 Sept 9th 1856
Lat by Obs 289 South
Long 41.44 East

54316 Sept 10th 1856
Lat by Obs 325 South
Long 41.04 East

54326 Sept 11th 1856
Lat by Obs 244 South
Long 41.22 East

5448 Sept 12th 1856
Lat by Obs 200 South
Long 41.50 East

54528 Sept 13th 1856
Lat by Obs 135 South
Long 41.40 East

5474 Sept 14th 1856
Lat by Obs 121 South
Long 41.30 East

55186 Sept 15th 1856
Lat by Obs 154 South
Long 43.50 East

55187 Sept 16th 1856
Lat by Obs 120 South
Long 43.25 East

55173 Sept 17th 1856
Lat by Obs 160 South
The boat 8 miles East of
Long Island of 10 latitude

55286 Sept 18th 1856
Lat by Obs 15 miles South
Long 43.50 East

55304 Sept 19th 1856
Lat by Obs 100 South
Long 44.00 East

55386 Sept 20th 1856
Lat by Obs 100 South
Long 44.00 East

55486 Sept 21st 1856
Lat by Obs 154 South
Long 45.00 East

5558 Sept 22nd 1856
Lat by Obs 100 South
Long 45.00 East

55505 Sept 23rd 1856
Lat by Obs 100 South
Long 45.00 East

5558 Sept 24th 1856
Lat by Obs 100 South
Long 45.00 East

5558 Sept 25th 1856
Lat by Obs 100 South
Long 45.00 East

5558 Sept 26th 1856
Lat by Obs 100 South
Long 45.00 East

59182

100034

Oct 21st 1856

Lat by Obs 32 miles North
Long 4423 East

59183

Oct 22nd 1856

Lat by Obs 34 miles North
Long 4421 East

59184

Oct 23rd 1856

Lat by Obs 2.09 North
Long 4607 East

59185

Oct 24th 1856

Lat by Obs 2.10 North
Long 4611 East

59186

Oct 25th 1856

Lat by Obs 2.00 North
Long 4630 East

59187

Oct 26th 1856

Lat by Obs 2.25 North
Long 4658 East

59188

Oct 27th 1856

Lat by Obs 2.10 North
Long 4627 East

59189

Oct 28th 1856

Lat by Obs 2.27 North
Long 4707 East

59190

Oct 29th 1856

Lat by Obs 2.00 North
Long 4726 East

59191

Oct 30th 1856

Lat by Obs 2.00 North
Long 4726 East

59192

Nov 1st 1856

Lat by Obs 2.00 North
Long 4813 East

59193

Nov 2nd 1856

Lat by Obs 2.00 North
Long 4813 East

59194

Nov 3rd 1856

Lat by Obs 2.00 North
Long 4813 East

59195

Nov 4th 1856

Lat by Obs 2.00 North
Long 4813 East

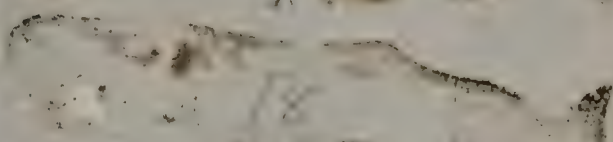
Oct 21st 1856

Lat by Obs 30 miles North
Long 4740 East

SB



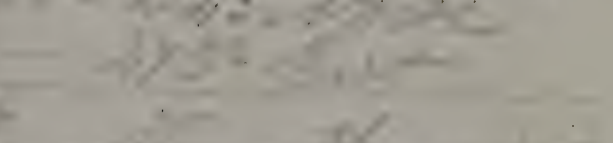
SB



SB



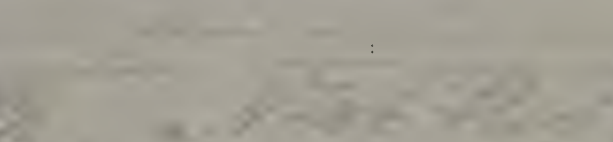
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SB



SB



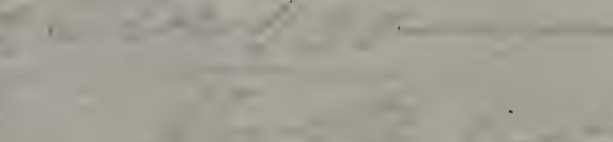
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SB



SB



SB



SB



SB



SB



SB



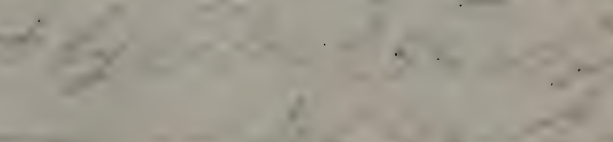
SB



SB



SB



SB



SB



SB



SB



SB



SB



SB

101-22

103-18

1856

Nov 27 1856

Lat by Obs 23.8 North
Long 47.37 East

Lat by Obs 18.4 North
Long 55.10 East

101-23

Nov 28 1856

103-19 Nov 28 1856

Lat by Obs 24.5 North
Long 47.10 East

Lat by Obs 34.0 North
Long 55.27 East

101-24

Nov 18 1856

103-20 Nov 29 1856

Lat by Obs 26.6 North
Long 47.20 East

Lat by Obs 43.1 North
Long 55.37 East

101-25

Nov 19 1856

103-21 Nov 30 1856

Lat by Obs 28.7 North
Long 47.44 East

Lat by Obs 47.0 North
Long 55.27 East

101-26

Nov 20 1856

103-22 Dec 1 1856

Lat by Obs 31.9 North
Long 47.53 East

Lat by Obs 52.1 North
Long 56.54 East

101-27

Nov 21 1856

103-23 Dec 2 1856

Lat by Obs 34.1 North
Long 49.52 East

Lat by Obs 56.1 North
Long 57.98 East

101-28

Nov 22 1856

103-24 Dec 3 1856

Lat by Obs 35.5 North
Long 50.00 East

Lat by Obs 58.4 North
Long 58.41 East

101-29

Nov 23 1856

103-25 Dec 4 1856

Lat by Obs 37.0 North
Long 51.30 East

Lat by Obs 60.4 North
Long 59.26 East

101-30

Nov 24 1856

103-26 Dec 5 1856

Lat by Obs 38.5 North
Long 52.35 East

Lat by Obs 62.5 North
Long 60.55 East

101-31

Nov 25 1856

103-27 Dec 6 1856

Lat by Obs 40.0 North
Long 53.45 East

Lat by Obs 64.5 North
Long 61.45 East

101-32

Nov 26 1856

103-28 Dec 7 1856

Lat by Obs 41.5 North
Long 54.55 East

Lat by Obs 66.5 North
Long 62.45 East

101-33

Nov 27 1856

103-29 Dec 8 1856

Lat by Obs 43.0 North
Long 55.65 East

Lat by Obs 68.5 North
Long 63.45 East

105576

Jan 28 1857
Lat by Obs 1000 South
Long 49.05 East

105582

Jan 30 1857
Lat by Obs 1002 South
Long 49.00 East

105586

Jan 4th 1857
Lat by Obs 1043 South
Long 49.20 East

105589

Jan 4th 1857
Lat by Obs 1000 South
Long 48.55 East

105592

Jan 6th 1857
Lat by Obs 1006 South
Long 49.00 East

105595

Jan 7th 1857
Lat by Obs 1001 South
Long 49.35 East

105598

Jan 8th 1857
Lat by Obs 1045 South
Long 49.00 East



105601

Jan 9th 1857
Lat by Obs 1009 South
Long 49.00 East

105604

Jan 10th 1857
Lat by Obs 1000 South
Long 49.00 East

105607

Jan 10th 1857
Lat by Obs 1001 South
Long 49.00 East

105610

Jan 10th 1857
Lat by Obs 1000 South
Long 49.00 East

105590
66

Jan 14th 1857
Lat by Obs 1000 South
Long 49.40 East

105593

Jan 15th 1857
Lat by Obs 1001 South
Long 49.32 East

105596

Jan 16th 1857
Lat by Obs 1000 South
Long 49.47 East

105599

Jan 17th 1857
Lat by Obs 1007 South
Long 49.00 East

105602

Jan 18th 1857
Lat by Obs 1000 South
Long 49.00 East

105605

Jan 19th 1857
Lat by Obs 1040 South
Long 49.25 East

105608

Jan 20th 1857
Lat by Obs 1000 South
Long 49.00 East

105611

Jan 21st 1857
Lat by Obs 1000 South
Long 49.00 East

105614

Jan 22nd 1857
Lat by Obs 1000 South
Long 49.00 East

105617

Jan 23rd 1857
Lat by Obs 1000 South
Long 49.25 East

105620

Jan 24th 1857
Lat by Obs 1000 South
Long 49.33 East

105623

Jan 25th 1857
Lat by Obs 1000 South
Long 49.00 East

10982
66

Jan 26th 1857
Lat by Obs 9.57 South
Long 49.27 East

Jan 27th 1857
Lat by Obs 10.10 South
Long 49.06 East

Jan 28th 1857
Lat by Obs 10.20 South
Long 49.10 East

Jan 29th 1857
Lat by Obs 12.40 South
Long 49.30 East

Jan 30th 1857
Lat by Obs 41.05 South
Long 49.36 East

Jan 31st 1857
Lat by Est South
Long East

Feb 1st 1857
Lat by Obs 10.54 South
Long 50.42 East

Feb 12th 1857
Lat by Est 10.50 South
Long 50.35 East

Feb 22nd 1857
Lat by Obs 10.08 South
Long 50.15 East

Feb 24th 1857
Lat by Est 10.10 South
Long 50.10 East

Feb 25th 1857
Lat by Obs 10.54 South
Long 49.03 East

Feb 26th 1857

11042
66

Feb 26th 1857
Lat by Obs 10.57 South
Long 49.25 East

Feb 27th 1857
Lat by Obs 10.55 South
Long 49.02 East

Feb 28th 1857
Lat by Obs 10.55 South
Long 49.02 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857
Lat by Obs 10.54 South
Long 49.01 East

Feb 29th 1857

12.036 Feb 27th 1857
Lat by Obs 95.5 South
Long 45.44 East

12.08 Feb 15th 1857
Lat by Obs 22.5 South
Long 45.01 East

12.16 Feb 19th 1857
Observed in John
S. W. Dist
Long 45.01 East

12.24 Feb 24th 1857
Observed in John
S. W. Dist
Long 45.01 East

12.32 Feb 24th 1857
Observed in John
S. W. Dist
Long 45.01 East

12.40 Feb 24th 1857
Observed in John
S. W. Dist
Long 45.01 East

12.48 Feb 24th 1857
Observed in John
S. W. Dist
Long 45.01 East

12.56 Feb 24th 1857
Observed in John
S. W. Dist
Long 45.01 East

1-12.296 Feb 21st 1857
Observed in sight bearing
about five miles distant
Spoke H. B. M. Day
Spoke Down to
Johnna

1-12.364 Feb 22nd 1857
Lat by Obs 11.00 South
Long 45.42 East

1-12.436 Feb 23rd 1857
Lat by Obs 11.20 South
Long 45.42 East

1-12.496 Feb 24th 1857
Lat by Obs 11.40 South
Long 45.42 East

1-12.556 Feb 25th 1857
Lat by Obs 11.60 South
Long 45.42 East

1-13.036 Feb 26th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.096 Feb 27th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.166 Feb 28th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.236 Feb 29th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.306 March 1st 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.376 March 2nd 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.446 March 3rd 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.516 March 4th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

13.586 March 5th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

14.056 March 6th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

14.126 March 7th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

14.196 March 8th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

14.266 March 9th 1857
Observed in Johnna
S. W. Dist
Long 45.42 East

114342
66

March 12th 1857
Lat by Obs 13.51 South
Lon 42.34 East

14408

March 13th 1857
Lat by Obs 14.44 South
Lon 42.03 East

14474

March 14th 1857
Lat by Obs 15.14 South
Lon 43.29 East

14540

March 15th 1857

15066

March 16th 1857
Lat by Obs 17.20 South
Lon 42.26 East

Spoke back Marine
at Bedford Island

15072

March 17th 1857

15072

March 17th 1857
Lat by Obs 49.38 South
Lon 34.22 East

15138

March 18th 1857

15204

March 19th 1857
Lat by Obs 26.01 South
Lon 38.39 East

15270

March 20th 1857
Lat by Obs 21.50 South
Lon 37.09 East

15336

March 21st 1857
Lat by Obs 23.08 South
Lon 36.10 East

15402

March 22nd 1857
Lat by Obs 23.35 South
Lon 36.08 East

15468

115468
66

March 23rd 1857
Lat by Obs 23.51 South
Lon 36.36 East

115534

March 24th 1857
Lat by Obs 23.51 South
Lon 36.36 East

116000

March 25th 1857
Lat by Obs 23.51 South
Lon 36.36 East

116066

March 26th 1857
Lat by Obs 23.51 South
Lon 37.27 East

116132

March 27th 1857
Lat by Obs 24.34 South
Lon 36.40 East

116200

March 28th 1857
Lat by Obs 27.24 South
Lon 36.03 East

116274

March 29th 1857
Lat by Obs 29.45 South
Lon 35.45 East

116340

March 30th 1857
Lat by Obs 31.21 South
Lon 34.22 East

116406

March 31st 1857
Lat by Obs 33.23 South
Lon 32.24 East

116472

April 1st 1857
Lat by Obs 33.50 South
Lon 32.15 East

116538

April 2nd 1857
Lat by Obs 33.70 South
Lon 31.28 East

117004

April 3rd 1857
Lat by Obs 35.47 South
Lon 29.20 East

117070

April 4th 1857
Lat by Obs 35.36 South
Lon 27.30 East

1.17.136

66

April 5th 1857
Lat by Obs 36.36 South
Long 87.02 East

1.17.202

April 6th 1857
Lat by Obs 36.08 South
Long 85.12 East

1.17.568

April 7th 1857
Lat by Obs 36.08 South
Long 83.08 East

1.17.538

April 8th 1857
Lat by Obs 35.43 South
Long 82.12 East

1.17.942

April 9th 1857
Lat by Obs 35.50 South
Long 80.42 East

1.17.266

April 10th 1857
Lat by Obs 35.21 South
Long 79.00 East

1.17.032

April 11th 1857
Lat by Obs 35.00 South
Long 76.00 East

1.17.598

April 12th 1857
Lat by Obs 34.00 South
Long 73.00 East

1.17.504

April 13th 1857
Lat by Obs 33.00 South
Long 70.00 East

1.17.142

April 14th 1857
Lat by Obs 32.00 South
Long 67.00 East

1.17.072

April 15th 1857
Lat by Obs 31.00 South
Long 64.00 East

1.17.002

April 16th 1857
Lat by Obs 30.00 South
Long 61.00 East

1.17.002

1.18.328

66

April 17th 1857
Lat by Obs 28.24 South
Long 8.04 East

1.18.394

April 18th 1857
Lat by Obs 27.31 South
Long 8.51 East

1.18.460

April 19th 1857
Lat by Obs 26.33 South
Long 6.24 East

1.18.526

April 20th 1857
Lat by Obs 24.41 South
Long 3.30 East

1.19.052

April 21st 1857
Lat by Obs 23.04 South
Long 2.10 East

1.19.118

April 22nd 1857
Lat by Obs 21.23 South
Long 0.40 East

1.19.184

April 23rd 1857
Lat by Obs 19.34 South
Long 0.40 East

1.19.250

April 24th 1857
Lat by Obs 17.34 South
Long 0.40 East

1.19.316

April 25th 1857
Lat by Obs 15.34 South
Long 0.40 East

1.19.382

April 26th 1857
Lat by Obs 13.34 South
Long 0.40 East

1.19.448

April 27th 1857
Lat by Obs 11.34 South
Long 0.40 East

1.19.514

April 28th 1857
Lat by Obs 9.34 South
Long 0.40 East

1.19.580

1.19.576
46
April 30th 1857
Left by Obs 45.14 South
L. 14.43 West

~~1.19.576~~
201042, May 1st 1857
Left by Obs 44.06 South
L. 14.36 West

1.20.188 May 2nd 1857
Left by Obs 42.46 South
L. 14.34 West

1.20.188 May 3rd 1857
Left by Obs 41.25 South
L. 15.42 West

1.20.240 May 4th 1857
Left by Obs 40.06 South
L. 16.40 West

1.20.240 May 5th 1857
Left by Obs 38.46 South
L. 17.40 West

1.20.372 May 6th 1857
Left by Obs 37.25 South
L. 18.48 West

1.20.425 May 7th 1857
Left by Obs 36.05 South
L. 19.46 West

1.20.578 May 8th 1857
Left by Obs 34.32 South
L. 20.38 West

1.21.030 May 9th 1857
Left by Obs 33.07 South
L. 21.30 West

1.21.036 May 10th 1857
Left by Obs 31.42 South
L. 22.22 West

1.21.036 May 11th 1857
Left by Obs 30.17 South
L. 23.14 West

1.21.036 May 12th 1857
Left by Obs 28.42 South
L. 24.06 West

Spoke Schooner *Marie*
Leaving the *Waltham*
of Shields, 41 days from
Rio Grande bound to Shields
England

1.21.188 May 13th 1857
Left by Obs 27.17 South
L. 24.58 West

1.21.188 May 14th 1857
Left by Obs 25.42 South
L. 25.50 West

1.21.234 May 15th 1857
Left by Obs 24.17 South
L. 26.42 West

1.21.234 May 16th 1857
Left by Obs 22.42 South
L. 27.34 West

1.21.300 May 17th 1857
Left by Obs 21.17 South
L. 28.26 West

1.21.356 May 18th 1857
Left by Obs 19.42 South
L. 29.18 West

1.21.422 May 19th 1857
Left by Obs 18.17 South
L. 30.10 West

1.21.478 May 20th 1857
Left by Obs 16.42 South
L. 31.02 West

1.21.504 May 21st 1857
Left by Obs 15.17 South
L. 31.54 West

1.22.030 May 22nd 1857
Left by Obs 13.42 South
L. 32.46 West

1.22.096 May 23rd 1857
Left by Obs 12.17 South
L. 33.38 West

1.22.152 May 24th 1857
Left by Obs 10.42 South
L. 34.30 West

1.22.152 May 25th 1857
Left by Obs 9.17 South
L. 35.22 West

1.22.152 May 26th 1857
Left by Obs 7.42 South
L. 36.14 West

123.28

123.2180

May 23rd 1857
Lat by Obs 26 45 North
Long 51 41 West

May 24th 1857
Lat by Obs 25 45 North
Long 53 38 West

May 25th 1857
Lat by Obs 25 00 North
Long 54 13 West

May 26th 1857
Lat by Obs 25 00 North
Long 55 59 West

May 27th 1857
Lat by Obs 26 55 North
Long 56 35 West

May 28th 1857
Lat by Obs 28 45 North
Long 56 31 West

May 29th 1857
Lat by Obs 28 45 North
Long 56 27 West

May 30th 1857
Lat by Obs 32 10 North
Long 52 22 West

May 31st 1857
Lat by Obs 32 10 North
Long 52 22 West

June 1st 1857
Lat by Obs 33 40 North
Long 52 22 West

June 2nd 1857
Lat by Obs 33 40 North
Long 52 22 West

June 3rd 1857
Lat by Obs 33 40 North
Long 52 22 West

June 3rd 1857
Lat by Obs 37 30 North
Long 51 35 West

June 4th 1857
Lat by Obs 35 30 North
Long 57 00 West

June 5th 1857
Lat by Obs 39 40 North
Long 57 20 West

June 6th 1857
Lat by Obs 39 40 North
Long 58 41 West

June 7th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 8th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 9th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 10th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 11th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 12th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 13th 1857
Lat by Obs 40 40 North
Long 59 40 West

June 14th 1857
Lat by Obs 40 40 North
Long 59 40 West



Bar Harbor, Maine

<p>23 Oct 7th 1857 Lat by Obs 35.10 N Long — 67.00 W</p>	<p>24 Oct 8th 1857 Lat by Obs 34.30 N Long — 66.20 W</p>
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<p>25 Oct 8th 1857 Lat by Obs 34.08 N Long — 64.14 W</p>	<p>26 Oct 9th 1857 Lat by Obs 34.33 N Long — 58.00 W</p>
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<p>27 Oct 9th 1857 Lat by Obs 33.20 N Long — 63.40 W</p>	<p>28 Oct 10th 1857 Lat by Obs 33.00 N Long — 55.45 W</p>
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<p>29 Oct 10th 1857 Lat by Obs — Long —</p>	<p>30 Oct 11th 1857 Lat by Obs 33.07 N Long — 54.30 W</p>
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<p>31 Oct 11th 1857 Lat by Obs 32.04 N Long — 63.30 W</p>	<p>32 Oct 12th 1857 Lat by Obs — Long —</p>
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<p>33 Oct 12th 1857 Lat by Obs — Long —</p>	<p>34 Oct 13th 1857 Lat by Obs 31.14 N Long — 48.45 W</p>
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<p>35 Oct 13th 1857 Lat by Obs 30.40 N Long — 64.04 W</p>	<p>36 Oct 14th 1857 Lat by Obs 29.42 N Long — 45.20 W</p>
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<p>37 Oct 14th 1857 Lat by Obs 31.45 N Long — 63.18 W</p>	<p>38 Oct 15th 1857 Lat by Obs 29.06 N Long — 40.40 W</p>
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<p>39 Oct 15th 1857 Lat by Obs 33.17 N Long — 61.40 W</p>	<p>40 Oct 16th 1857 Lat by Obs 29.17 N Long — 40.58 W</p>
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<p>41 Oct 16th 1857 Lat by Obs 33.58 N Long — 60.00 W</p>	<p>42 Oct 17th 1857 Lat by Obs 34.25 N Long — 57.43 W</p>
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<p>43 Oct 17th 1857 Lat by Obs 34.25 N Long — 57.43 W</p>	<p>44 Oct 18th 1857 Lat by Obs 35.20 N Long — 57.00 W</p>
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102 Oct 30th 1857
 Sent by Cbr 24.43 at 10^h
 L. 39.28 West
 101 Oct 30th 1857
 Sent by Cbr 23.16 at 10^h
 L. 38.46 West
 1013 Nov 1st 1857
 Sent by Cbr 21.45 at 10^h
 L. 37.26 West
 1015 Nov 2nd 1857
 Sent by Cbr 20.40 at 10^h
 L. 36.45 West
 1017 Nov 3rd 1857
 Sent by Cbr 18.57 at 10^h
 L. 35.48 West
 1019 Nov 4th 1857
 Sent by Cbr 16.48 at 10^h
 L. 34.30 West
 1021 Nov 5th 1857
 Sent by Cbr 15.25 at 10^h
 L. 33.30 West
 1023 Nov 6th 1857
 Sent by Cbr 13.26 at 10^h
 L. 32.00 West
 1025 Nov 7th 1857
 Sent by Cbr 11.23 at 10^h
 L. 30.42 West
 1027 Nov 8th 1857
 Sent by Cbr 10.00 at 10^h
 L. 30.00 West
 1029 Nov 9th 1857
 Sent by Cbr 9.30 at 10^h
 L. 29.10 West

131 Nov 10th 1857
 1032 Nov 11th 1857
 Sent by Cbr 8.39 at 10^h
 L. 27.39 West
 1033 Nov 12th 1857
 Sent by Cbr 6.45 at 10^h
 L. 27.17 West
 1034 Nov 13th 1857
 Sent by Cbr 5.20 at 10^h
 L. 27.11 West
 1035 Nov 14th 1857
 Sent by Cbr 3.42 at 10^h
 L. 28.07 West
 1041 Nov 15th 1857
 Sent by Cbr 1.27 at 10^h
 L. 29.15 West
 1042 Nov 16th 1857
 Sent by Cbr 0.23 at 10^h
 L. 31.01 West
 1043 Nov 17th 1857
 Sent by Cbr 0.30 at 10^h
 L. 31.20 West
 1044 Nov 18th 1857
 Sent by Cbr 0.45 at 10^h
 L. 32.57 West

At daylight made the
 Island of Herdward Aaron
 bearing S by E 18 miles
 dist - and found the
 Chron too fast for Greenwich
 mean time 2 min
 48 19 seconds
 Chron error 2.19"
 Daily rate 0.026666

2.216
26

Nov 19th 1857
Lat by Obs 6.25 South
L. 33.22 West

2.242
26 Nov 20th 1857
Lat by Obs 8.29 South
L. 34.23 West

2.268
26 Nov 21st 1857
Lat by Obs 11.00 South
L. 34.93 West

2.294
26 Nov 22nd 1857
Lat by Obs 13.53 South
L. 35.19 West

2.322
26 Nov 23rd 1857
Lat by Obs 16.23 South
L. 35.00 West

2.346
26 Nov 24th 1857
Lat by Obs 19.15 South
L. 36.31 West

2.372
26 Nov 25th 1857
Lat by Obs 21.43 South
L. 37.32 West

2.398
26 Nov 26th 1857
Lat by Obs 24.00 South
L. 37.20 West

2.424
26 Nov 27th 1857
Lat by Obs 26.00 South
L. 37.20 West

2.450
26 Nov 28th 1857
Lat by Obs 28.00 South
L. 35.00 West

2.476
26 Nov 29th 1857
Lat by Obs 30.00 South
L. 35.00 West

2.502
26 Nov 30th 1857
Lat by Obs 32.00 South
L. 30.28 West

2.524
26

Dec 2nd 1857
Lat by Obs 25.05 South
L. 27.25 West

2.580
26 Dec 3rd 1857
Lat by Obs 25.55 South
L. 24.55 West

3.006
26 Dec 4th 1857
Lat by Obs 27.57 South
L. 22.56 West

3.032
26 Dec 5th 1857
Lat by Obs 30.44 South
L. 21.16 West

3.058
26 Dec 6th 1857
Lat by Obs 32.20 South
L. 24.04 West

3.084
26 Dec 7th 1857
Lat by Obs 34.05 South
L. 17.31 West

3.110
26 Dec 8th 1857
Lat by Obs 35.37 South
L. 14.42 West

3.136
26 Dec 9th 1857
Lat by Obs 37.00 South
L. 14.42 West

3.162
26 Dec 10th 1857
Lat by Obs 38.33 South
L. 14.42 West

3.188
26 Dec 11th 1857
Lat by Obs 39.23 South
L. 14.42 West

3.214
26 Dec 12th 1857
Lat by Obs 40.00 South
L. 14.42 West

3.240
26 Dec 13th 1857
Lat by Obs 40.00 South
L. 14.42 West

3.240²⁶ Dec 13th 1857
Lat by C. 33.44 South
L. 7.15 West

3.265²⁶ Dec 14th 1857
3.292²⁶ Dec 15th 1857
Lat by C. 36.45 South
L. 4.5 West

3.318²⁶ Dec 16th 1857
Lat by C. 35.55 South
L. 1.36 West

3.344²⁶ Dec 17th 1857
Lat by C. 36.46 South
L. 1.55 East

3.370²⁶ Dec 18th 1857
Lat by C. 36.48 South
L. 5.34 East

3.396²⁶ Dec 19th 1857
Lat by C. 36.40 South
L. 9.44 East

3.422²⁶ Dec 20th 1857
Lat by C. 36.56 South
L. 14.06 East

3.448²⁶ Dec 21st 1857
Lat by C. 37.22 South
L. 18.05 East

3.474²⁶ Dec 22nd 1857
Lat by C. 37.44 South
L. 21.43 East

3.500²⁶ Dec 23rd 1857
Lat by C. 37.03 South
L. 25.56 East

3.526²⁶ Dec 24th 1857
Lat by C. 37.05 South
L. 29.20 East

3.552²⁶ Dec 25th 1857
Lat by C. 37.11 South
L. 32.20 East

3.578²⁶ Dec 26th 1857
Lat by C. 36.57 South
L. 35.20 East

4.004²⁶ Dec 27th 1857
Lat by C. 36.47 South
L. 38.20 East

4.030²⁶ Dec 28th 1857
Lat by C. 36.15 South
L. 40.00 East

4.056²⁶ Dec 29th 1857
Lat by C. 35.51 South
L. 43.18 East

4.082²⁶ Dec 30th 1857
Lat by C. 35.14 South
L. 45.10 East

4.108²⁶ Dec 31st 1857
Lat by C. 33.46 South
L. 45.12 East

4.134²⁶ Jan 1st 1858

4128

Jan 1st 1858Lat by Obs 38.14 South
L. 45.15 East4122 Jan 2nd 1858Lat by Obs 29.57 South
L. 44.22 East4126 Jan 3rd 1858Lat by Obs 26.53 South
L. 43.00 East4126 Jan 4th 1858Lat by Obs 25.13 South
L. 41.52 East4124 Jan 5th 1858Lat by Obs 24.44 South
L. 41.31 East4126 Jan 6th 1858Lat by Obs 21.45 South
L. 41.16 East4128 Jan 7th 1858Lat by Obs 20.05 South
L. 40.25 East4130 Jan 8th 1858Lat by Obs 19.18 South
L. 40.17 East4134 Jan 9th 1858Lat by Obs 18.40 South
L. 40.54 East4132 Jan 10th 1858Lat by Obs 18.10 South
L. 41.00 East

LB 25

4138

Jan 11th 18584124 Jan 12th 1858Lat by Obs 17.10 South
L. 41.56 East4150 Jan 13th 1858Lat by Obs 16.00 South
L. 41.43 East4142 Jan 14th 1858Lat by Obs 15.27 South
L. 40.50 East4126 Jan 15th 1858Lat by Obs 15.04 South
L. 41.40 East4152 Jan 16th 1858Lat by Obs 14.28 South
L. 43.00 East4154 Jan 17th 1858Lat by Obs 13.04 South
L. 44.33 East4150 Jan 18th 1858Wavy and foggy
in night5.006 Jan 19th 1858Lat by Obs 11.21 South
L. 45.22 East5.051 Jan 20th 1858Lat by Obs 10.00 South
L. 46.16 East

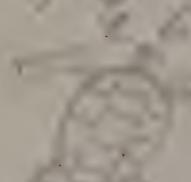
5.055₂₆

Chimney 5344

Jan 21st 1858
Lat by Obs 10.18 South
L. 46.48 East

5.082 Jan 22nd 1858
Lat by Obs 9.54 South
L. 46.20 East

5.110 Jan 23rd 1858

5.136 Jan 24th 1858
 Lat by Obs 9.51 South
L. 46.24 East

5.162 Jan 25th 1858
Lat by Obs 9.51 South
L. 46.24 East

5.188 Jan 26th 1858
Lat by Obs 9.38 South
L. 47.15 East

5.214 Jan 27th 1858
Lat by Obs 9.50 South
L. 49.49 East

5.240₂₆ Jan 28th 1858
Lat by Obs 10.20 South
L. 50.32 East

5.266 Jan 29th 1858
Lat by Obs 10.14 South
L. 47.50 East

5.292 Jan 30th 1858
Lat by Obs 10.52 South
L. 49.1 East

5.319 Jan 31st 1858
Lat by Obs 10.53 South
L. 49.55 East

Feb 1st 1858
Lat by Obs

5.372₂₆ Feb 2nd 1858
Lat by Obs 10.51 South
L. 49.47 East

5.396₂₆ Feb 3rd 1858
Lat by Obs 10.57 South
L. 49.45 East

5.422₂₆ Feb 4th 1858
Lat by Obs 11.04 South
L. 49.40 East

5.458₂₆ Feb 5th 1858

5.484₂₆ Feb 6th 1858
Lat

5.510₂₆ Feb 7th 1858
Lat by Obs 10.9 South
L. 49.20 East

5.536₂₆ Feb 8th 1858
Lat by Obs 11.09 South
L. 49.20 East

5.562₂₆ Feb 9th 1858
Lat by Obs 11.42 South
L. 50.50 East

5.588₂₆ Feb 10th 1858
Lat by Obs 11.08 South
L. 50.45 East

5.614₂₆ Feb 11th 1858
Lat by Obs 10.53 South
L. 49.55 East

6.022
26
Feb 12th 1858
Lat by Obs 19.00 South
L. 49.10 East

6.066
26
Feb 13th 1858
Lat by Obs 10.50 South
L. 49.12 East

6.092
26
Feb 14th 1858
Lat by Obs 10.34 South
L. 48.18 East

6.118
26
Feb 15th 1858
Lat by Obs 9.58 South
L. 48.02 East

6.144
26
Feb 16th 1858
At 10 AM and 6 AM
in sight of the

6.170
26
Feb 17th 1858

6.196
26
Feb 18th 1858
(Upcoming storm - wind)
bearing South 13 miles

6.222
37
Feb 19th 1858
Hear the Boston
18 Nov 450 Spun

6.248
26
Feb 20th 1858
Lat by Obs 10.00 South
L. 45.06 East

6.274
26
Feb 21st 1858
Lat by Obs 8.16 South
L. 44.29 East

6.300
26
Feb 22nd 1858
Lat by Obs 8.50 South
L. 43.13 East

6.326
26
Feb 23rd 1858
Lat by Obs 9.39 South
L. 42.37 East

6.352
26
Feb 24th 1858

LB 10 25 SB
Lat 9.30 South
L. 42.13 East
Going S East

6.378
26
Feb 25th 1858
Lat by Obs 9.06 South
L. 48.04 East

6.404
26
Feb 26th 1858
Lat by Obs 7.33 South
L. 42.17 East

6.430
26
Feb 27th 1858
Lat by Obs 9.08 South
L. 40.53 East

6.456
29
Feb 28th 1858
Lat by Obs
L. 38.02 East

6.483
26
March 1st 1858
Lat by Obs 8.05 South
L. 39.57 East

6.508
March 2nd 1858
Lat by Obs 6.55 South
L. 39.48 East

6.53⁴
26

March 3rd 1858
Lat by Obs 5.55 South
Long 39.56 East

6.54⁸ March 4th 1858
Lat by Obs 6.18 South
Long 39.56 East

6.55⁶ March 5th 1858
Lat by Obs 5.09 South
Long 40.26 East

7.01² March 6th 58
Lat by Obs 4.50 South
Long 40.26 East

7.03⁸ March 7th 1858
26

7.06⁴ March 8th 1858
Lat by Obs 5.15 South
Long 41.20 East

7.09⁹ March 9th 58
Lat by Obs 5.28 South
Long 41.08 East

7.11⁶ March 10th 58
Lat by Obs 5.44 South
Long 41.15 East

7.14³ March 11th 58
Lat by Obs 4.42 South
Long 41.45 East

7.16⁵ March 12th 1858
Lat by Obs 4.43 South
Long 41.02 East

7.19⁴ March 13th 58
Lat by Obs 4.26 South
Long 40.35 East

7.22⁸

March 14th 1858
Lat by Obs 3.56 South
Long 40.08 East

7.24⁶ March 15th 1858
Lat by Obs 4.05 South
Long 40.15 East

7.27² March 16th 1858
Lat by Obs 4.00 South
Long 40.48 East

7.29⁵ March 17th 1858
Lat by Obs 3.38 South
Long 41.55 East

7.32⁴ March 18th 1858
Lat by Obs 2.54 South
Long 42.42 East

7.35⁸ March 19th 1858
Lat by Obs 2.25 South
Long 41.45 East

7.37⁶ March 20th 1858
Lat by Obs 1.35 South
Long 41.58 East
Long 41.57-30 East

7.46³ March 21st 58
Lat by Obs 2.29 South
Long 41.36 East

7.47⁸ March 22nd 58
Lat by Obs 2.18 South
Long 41.33 East

7.48⁴ March 23rd 1858
Lat by Obs 1.53 South
Long 42.10 East

7.480₂₆

March 24th 1858

Lat by Obs 4.38 South
L. 42.38 East

8.114

April 2nd 1858

Lat by Obs 2.01 South
L. 45.37 East

7.506₂₆

March 25th 1858

Lat by Obs 1.19 South
L. 43.09 East

8.142

April 3rd 1858

Lat by Obs 4.03 South
L. 46.48 East

7.522₂₆

March 26th 1858

Lat by Obs 0.14 South
L. 43.08 East

8.166

April 4th 1858

Lat by Obs 4.27 South
L. 47.52 East

7.555₂₆

March 27th 1858

Lat by Obs 0.35 South
L. 43.06 East

8.192

April 5th 1858

Lat by Obs 4.30 South
L. 48.27 East

7.564₂₆

March 28th 1858

Lat by Obs 3.3 miles South
L. 43.45 East

8.218

April 6th 1858

Lat by Obs 5.42 South
L. 48.55 East

8.018₂₆

March 29th 1858

Lat by Obs 5 miles South
L. 43.52 East

8.244

April 7th 1858

Lat by Obs 6.20 South
L. 48.41 East

8.036₂₆

March 30th 1858

Lat by Obs 4.39 East

8.270

April 8th 1858

Lat by Obs 5.29 South
L. 49.33 East

8.062₂₆

March 31st 1858

Lat by Obs 1.11 South
L. 45.15 East

8.296

April 9th 1858

Lat by Obs 5.12 South
L. 50.51 East

8.088₂₆

April 1st 1858

Lat by Obs 0.07 South
L. 44.30 East

8.322

April 10th 1858

Lat by Obs 5.09 South
L. 49.30 East

Apr

Large Whale
Line Partee 33

8.374

April 11

9.268

Lat by Obs 4.11 South
Long 54.44 East

May 1st 1855
Lat by Obs

8.400

April 12th 55

9.294 May 2nd 1855

Lat by Obs 4.29 South
Long 54.13 East

Lat by Obs 4.25 South
Long by Est 54.05 East

8.426

April 14th 1855

LB28

8.452

April 15th 55

9.322 May 3rd 1855

8.475

April 16

Got the above station
in the same position

8.498

April 17

9.346 May 4th 1855

8.520

April 18

Lat by Obs 4.17 South
Long 53.55 East

8.545

April 19

9.372 May 5th 1855

8.568

April 20

Lat by Obs 4.19 South
Long 54.15 East

8.590

April 21

9.398 May 7th 1855

8.612

April 22

Lat by Obs 4.40 South
Long 53.51 East

8.634

April 23

Lat 56 W B 16

8.656

April 24

9.424 May 8th 1855

8.678

April 25

Lat by Obs 3.45 South
Long 54.35 East

8.700

April 26

9.450 May 9th 1855

8.722

April 27

Lat by Obs 3.55 South
Long 4.20 East

8.744

April 28

9.476 May 10th 1855

8.766

April 29

Lat by Obs 4.04 South
Long 54.19 East

8.788

April 30

9.502 May 11th 1855

8.810

May 1st 1855

Lat by Obs 4.02 South
Long 53.33 East

8.832

May 2nd 1855

9.528
26 May 12th 1858
Lat by Obs 43.7 South
L. 53.51 East

9.554 May 13th 1858
Lat by Obs 4.23 South
L. 54.04 East

9.580 May 13th 1858
Lat by Obs 4.38 South
L. 53.42 East

10.006 May 14th 1858
Lat by Obs 4.43 South
L. 54.07 East

10.032 May 15th 1858
Lat by Obs 4.52 South
L. 53.42 East

10.058 May 16th 1858
Lat by Obs 4.22 South
L. 54.10 East

10.084 May 17th 1858
Lat by Obs 4.30 South
L. 54.10 East

10.110 May 18th 1858
Lat by Obs 4.59 South
L. 53.57 East

10.136 May 20th 1858
Lat by Obs 5.01 South
L. 53.41 East

10.162 May 21st 58
Lat by Obs 4.04 South
L. 53.45 East

10.188
26 May 22nd 1858
Lat by Obs 4.11 South
L. 53.38 East

10.214 May 23rd 1858
Lat by Obs 4.38 South
L. 54.00 East

10.220 May 24th 1858
Lat by Obs 5.43 South
L. 52.01 East

10.266 May 25th 1858
Lat by Obs 7.25 South
L. 50.07 East

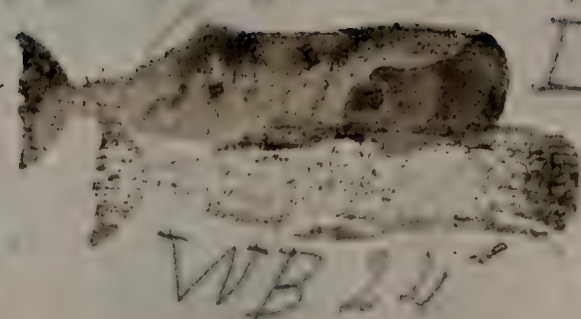
10.292 May 26th 1858
Lat by Obs 8.37 South
L. 48.28 East

10.318 May 27th 1858
Lat by Obs 9.37 South
L. 47.36 East

10.344 May 28th 1858
Lat by Obs 9.56 South
L. 45.30 East

10.370 May 29th 1858
Lat by Obs 9.54 South
L. 45.00 East

10.396 May 30th 1858
Lat by Obs 9.40 South
L. 44.44 East


WB 20

LB7

10.42²⁶

May 31st 1855

Sat by Obs 9.56 South
L. 42.25 East

10.44²⁶ June 1st 1855

Sat by Obs 11.23 South
L. 42.42 East

10.47²⁶ June 2nd 1855

Sat by Obs 11.55 South
L. 42.36 East

10.50²⁶ June 3rd 1855

10.52²⁶ June 4th 1855
Sat by Obs 11.01 South
L. 44.50 East

10.55²⁶ June 5th 1855
Sat by Obs 11.02 South
L. 44.50 East

LB 12

10.57²⁶ June 6th 1855

Sat by Obs 10.34 South
L. 46.01 East

11.00²⁶ June 7th 1855

Sat by Obs 10.08 South
L. 45.20 East

11.03²⁶ June 8th 1855

Sat by Obs 10.34 South
L. 44.53 East

11.05²⁶ June 9th 1855

Sat by Obs 10.25 South
L. 44.27 East

11.08²⁶

June 10th 1855

Sat by Obs 10.35 South
L. 44.14 East

11.10²⁶ June 11th 1855

Sat by Obs 10.51 South
L. 44.02 East

11.13²⁶ June 12th 1855

Sat by Obs 10.45 South
L. 45.40 East

11.16²⁶ June 13th 1855

Sat by Obs 10.25 South
L. 45.23 East

11.18²⁶ June 14th 1855

Sat by Obs 10.34 South
L. 45.25 East

11.21²⁶ June 15th 1855

Sat by Obs 10.55 South
L. 45.10 East

11.23²⁶ June 16th 1855

Sat by Obs 10.34 South
L. 45.10 East

11.26²⁶ June 17th 1855

Sat by Obs 10.17 South
L. 44.33 East

11.29²⁶ June 18th 1855

Sat by Obs 10.07 South
L. 43.51 East

11.31²⁶ June 19th 1855

Sat by Obs 10.46 South
L. 43.15 East

11.34₂₆²

12.00₂₆²

June 20th 1858
Lat by Obs 10° 01' South
L. — 42.58 East

June 30th 1858

12.02₂₆⁸ July 1st 1858

11.36₂₆⁸ June 21st 58
Lat by Obs 10° 00' South
L. — 42.53 East

Lat by Obs 10.37 South
L. — 45.72 East

11.39₂₆⁴ June 22nd 1858
Lat by Obs 9° 41' South
L. — 42.72 East

12.05₂₆⁴ July 2nd 1858

Lat by Obs 10.54 South
L. — 44.40 East

11.42₂₆⁰ June 23rd 1858
Lat by Obs 9.26 South
L. — 43.31 East

12.08₂₆⁰ July 3rd 1858

Lat by Obs 10.42 South
L. — 45.01 East

11.44₂₆⁶ June 24th 1858
Lat by Obs 9.44 South
L. — 44.05 East

12.10₂₆⁶ July 4th 1858

Lat by Obs 10.46 South
L. — 44.54 East

11.47₂₆² June 25th 1858
Lat by Obs 9.3 South
L. — 44.04 East

12.13₂₆² July 5th 1858

Lat by Obs 11.00 South
L. — 44.40 East

11.49₂₆⁸ June 26th 1858
Lat by Obs 9.35 South
L. — 45.05 East

12.15₂₆⁸ July 6th 1858

Lat by Obs — South
L. —

11.52₂₆⁴ June 27th 58
Lat by Obs 9.42 South
L. — 45.45 East

12.18₂₆⁴ July 7th 1858

Lat by Obs —

11.55₂₆⁰ June 28th 58
Lat by Obs 9.58 South
L. — 46.15 East

12.21₂₆⁰ July 8th 1858

Lat by Obs 10.28 South
L. — 46.09 East

11.57₂₆⁶ June 29th 58
Lat by Obs 10.42 South
L. — 45.07 East

12.23₂₆⁶ July 9th 1858

Lat by Obs 10.24 South
L. — 44.10 East

12.26₂₆²

12.26²⁶

July 10th 1858

12.288²⁶

July 11th 1858

Sat by Obs 11.23 South
L. 45.00 East

12.314²⁶

July 12th 1858

Sat by Obs 10.52 South
L. 45.34 East

12.348²⁶

July 13th 1858

Sat by Obs 10.20 South
L. 44.15 East

12.382²⁶

July 14th 1858

Sat by Obs 9.53 South
L. 45.33 East

12.392²⁶

July 15th 1858

Sat by Obs 9.14 South
L. 45.46 East

12.418²⁶

July 17th 1858

Sat by Obs 9.26 South
L. 45.56.30 East

12.448²⁶

July 18th 1858

Sat by Obs 10.24 South
L. 44.35 East

12.554²⁶

July 19th 1858

Sat by Obs 10.27 South
L. 45.00 East

13.020²⁶

July 20th 1858

Sat by Obs 10.55 South
L. 44.50 East

13.106²⁶

18.906²⁶

July 21st 1858

Sat by Obs 10.55 South
L. 45.05 East

13.132²⁶

July 22nd 1858

Sat by Obs 11.40 South
L. 45.34 East

13.158²⁶

July 23rd 1858

Sat by Obs 11.54 South
L. 45.34 East

13.184²⁶

July 24th 1858

13.210²⁶

July 25th 1858

13.236²⁶

July 26th 1858

14.574²⁶

August 7th 1858

Sat by Obs 10.26 South
L. 45.05 East

15.066²⁶

August 8th 1858

Sat by Obs 10.35 South
L. 44.11 East

15.092²⁶

August 9th 1858

Sat by Obs 10.04 South
L. 44.35 East

15.078²⁶

August 11th 1858

Sat by Obs 9.58 South
L. 41.30 East

15.122²⁶

August 12th 1858

Sat by Obs 9.20 South
L. 41.56 East

15130

August 13th 1858
Lat by Obs 8.34 South
L 40.34 East

15159

August 14th 1858
Lat by Obs 7.26 South
L 40.10 East

15188

August 15th 1858

August 16th 1858
Observed bearing
of S. point of a half
point of S. point of
at 9.45 A.M. from
the bar of S. point of
harbour

15246

August 17th 1858
Lat by Obs 6.29 South
L 40.07 East

15275

August 18th 1858

15323

August 19th 1858

15333

August 20th 1858

Lat by Obs 4.50 South
L 41.07 East

15362

August 21st 1858

Lat by Obs 5.19 South
L 40.17 East

15396

August 22nd 1858

Lat by Obs 4.19 South
L 40.16 East

15420

August 23rd 1858

Lat by Obs 4.31 South
L 40.43 East

15449

August 24th 1858
Lat by Obs 4.43 South
L 40.44 East

15478

August 25th 1858

Lat by Obs 5.27 South
L 42.35 East

15507

August 26th 1858

Lat by Obs 4.27 South
L 40.20 East

15536

August 27th 1858

Lat by Obs 2.46 South
L 40.48 East

15565

August 28th 1858

Lat by Obs 2.33 South
L 41.30 East

15594

August 29th 1858

Lat by Obs 2.20 South
L B 18 42.00 East
SB 18

18

WB 18 18

16023

August 30th 1858

Lat by Obs 1.49 South
L 42.17 East

16052

August 31st 1858

Lat by Obs 5.5 Miles S
L 42.38 East

16081

Sept 1st 1858

16110

Sept 2nd 1858

Lat by Obs 0.27 South
L 45.50 East

16.134

16.458

Sept 3rd 1858
Lat by Obs 9 miles South
L. 48.11 East

Sept 14th 1858
Lat by Obs 2.27 South
L. 42.34 East

16.168 Sept 4th 1858
Lat by Obs 0.34 South
L. 44.55 East

16.457 Sept 15th 1858
16.516 Sept 16th 1858
Lat by Obs 3.36 South

16.427 Sept 5th 1858
Lat by Obs 0.56 South
L. 45.00 East

16.545 Sept 17th 1858
Lat by Obs 4.17 South
L. 40.30 East

16.226 Sept 6th 1858
Lat by Obs 1.09 South
L. 43.55 East

16.574 Sept 18th 1858
Lat by Obs 3.29 South
L. 40.14 East

16.255 Sept 7th 1858
Lat by Obs 1.11 South
L. 41.54 East

17.003 Sept 19th 1858
Lat by Obs 1.28 South
L. 43.20 East

16.284 Sept 8th 1858
Lat by Obs 1.28 South
L. 43.20 East

17.032 Sept 20th 1858
Lat by Obs 2.34 South
L. 41.51 East

16.313 Sept 9th 1858
Lat by Obs 2.08 South
L. 44.56 East

17.061 Sept 21st 1858
Lat by Obs 2.24 South
L. 41.28 East

16.342 Sept 10th 1858
Lat by Obs 3.99 miles South
L. 44.54 East

17.090 Sept 22nd 1858
Lat by Obs 2.00 South
L. 41.56 East

16.371 Sept 11th 1858
Lat by Obs 4.31 South
L. 44.48 East

17.119 Sept 23rd 1858
Lat by Obs 1.47 South
L. 42.27 East

16.400 Sept 12th 1858
Lat by Obs 1.42 South
L. 42.55 East

17.148 Sept 24th 1858
Lat by Obs 2.18 South
L. 42.04 East

16.429 Sept 13th 1858
Lat by Obs 9.02 South
L. 42.31 East

17.177⁷⁷ Sept 25th 1858
Lat by Obs 2.36 South
L 41.10 East

17.206⁰⁶ Sept 26th 1858
Lat by Obs 3.19 South
L 41.22 East

17.225²⁵ Sept 27th 1858
Lat by Obs 2.42 South
L 41.05 East

17.264⁶⁴ Sept 28th 1858
Lat by Obs 1.22 South
Land in sight

17.293⁹³ Sept 29th 1858
Lat by Obs 1.10 South
L 42.36 East

17.322²² Sept 30th 1858
Lat by Obs 1.10 South
L 43.00 East

17.351⁵¹ Oct 1st 1858
Lat by Obs 0.59 South
L 43.00 East

17.380⁸⁰ Oct 2nd 1858
Lat by Obs 1.21 South
L 42.10 East

17.409⁰⁹ Oct 3rd 1858
Lat by Obs 4.19 miles at
L 42.33 East

17.438³⁸ Oct 4th 1858
Lat by Obs 0.40 N
L 43.46 East

17.467⁶⁷ Oct 5th 1858
Lat by Obs 3.0 miles at
L 43.36 East

17.496⁹⁶ Oct 6th 1858
Lat by Obs 1.9 miles S
L 43.38 East

17.525²⁵ Oct 7th 1858
Lat by Obs 0.27 N

17.554⁵⁴ Oct 8th 1858
Lat by Obs 1.9 miles at
L 44.34 East

17.583⁸³ Oct 9th 1858
Lat by Obs 2.19 miles S
L 42.58 East

18.012¹² Oct 10th 1858
Lat by Obs 4.3 miles South
L 43.00 East

18.041⁴¹ Oct 11th 1858
Lat by Obs 1.10 South
L 43.23 East
W B. 5.

18.070⁷⁰ Oct 12th 1858
Lat by Obs 1.2 miles South
Land in sight

18.099⁹⁹ Oct 13th 1858
Lat by Obs 2.4 miles South
L 42.18 East


18.128²⁸ Oct 14th 1858
Lat by Obs 1.40 South
L 44.40 East

18.157⁵⁷ Oct 15th 1858
Lat by Obs 1.12 South
L 44.44 East

18476
29 Oct 16th 1858
Lat by Obs 32 miles N
L 44.55 East

184215 Oct 17th 1858
Lat by Obs 16 miles South
L 42.57 East

184244 Oct 18th 1858
Lat by Obs 20 miles South
L Land in sight

25 SB 

184273 Oct 19th 1858
Lat by Obs 5 miles South
L 43.04 East

184302 Oct 20th 1858
Lat by Obs 1 mile South
L 43.35 East

184331 Oct 21st 1858
Lat by Obs 1.10 South
L 42.15 East

184360 Oct 22^d 1858
Lat by Obs 2.34 South
L 41.43 East

184389 Oct 22^d 1858
Lat by Obs 2.57 South
L 41.43 East

184418 Oct 23rd 1858
Lat by Obs 4.02 South
L 42.13 East

184447 Oct 24th 1858
Lat by Obs 0.30 North
L 43.49 East

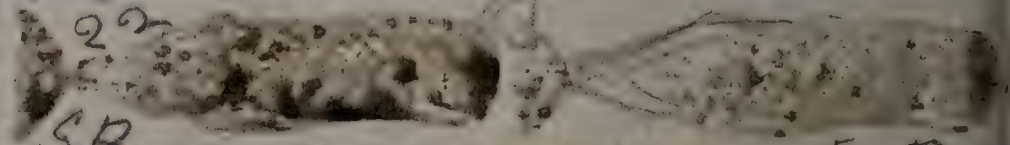
18476
29 Oct 26th 1858
Lat by Obs 38 miles North
L 44.18 East

18505 Oct 27th 1858
Lat by Obs 1.03 North
L 44.28 East

18534 Oct 28th 1858
Lat by Obs 30 miles North
L 43.55 East

18563 Oct 29th 1858
Lat by Obs 1.11 North
L Land in sight

18592 Oct 30th 1858
Lat by Obs 4.50 North
L 46.31 East

22 
SB WB 22 LB 22

19021 Oct 31st 1858
Lat by Obs 2.25 North
L 46.17 East

19050 Nov 1st 1858
Lat by Obs 2.42 North
L 47.02 East

19079 Nov 2^d 1858
Lat by Obs 2.19 North
L 47.06 East

19108 Nov 3^d 1858
Lat by Obs 2.00 North
L 47.37 East

19137 Nov 4th 1858
Lat by Obs 2.03 North
L 46.40 East

19.166
29 Nov 5th 1858
Lat by Obs 2.35 North
L

19.195
29 Nov 6th 1858
Lat by Obs 3.08 North
L 12 fathoms

19.224
29 Nov 7th 1858
Lat by Obs 2.53 North
L 46.46 East

19.253
Nov 8th 1858
Lat by Obs 2.30 North
L

19.282
29 Nov 9th 1858
Lat by Obs 1.53 North
L 46.51 East

19.311
Nov 10th 1858
Lat by Obs 1.45 North
L 47.06 East

19.340
Nov 11th 1858
Lat by Obs 1.23 North
L 46.53 East

19.369
29 Nov 12th 1858
Lat by Obs 1.01 North
L 46.25 East

19.398
Nov 13th 1858
Lat by Obs 41 Miles North
L 47.48 East

19.427
Nov 14th 1858
Lat by Obs 2.0 Miles North
L 46.30 East

19.456
Nov 15th 1858
Lat by Obs 5.3 Miles North
L 46.25 East

19.485
29 Nov 16th 1858
Lat by Obs 4.31 North
L 45.42 East

19.514
29 Nov 17th 1858
Lat by Obs 2.04 North
L 45.35 East

19.543
Nov 18th 1858
Lat by Obs 2.06 North
L Land in sight

19.572
29 Nov 19th 1858
Lat by Obs 2.10 North
L 45.18 East

20.001
Nov 20th 1858
Lat by Obs 4.29 Miles North
L 45.04 East

20.030
29 Nov 21st 1858
Lat by Obs 5.19 Miles North
L 44.30 East

20.059
29 Nov 22nd 1858
Lat by Obs 3.9 Miles North
L 43.00 East

20.088
29 Nov 23rd 1858
Lat by Obs 6 Miles North
L Land in sight

20.117
Nov 24th 1858
Lat by Obs 9 Miles North
L 43.12 East

20.145
29 Nov 25th 1858
Lat by Obs 4.4 Miles North
L

1861/1862/863 Edward Higgins.
 10 120

35	35
35	35
<u>70</u>	<u>70</u>
105	100
<u>121 5</u>	

My Boots cost 22 1/2	My shoes cost 85 c
Cloth for my ^{cost 150} jacket 150	Cloth for my jacket cost 150
Cloth for my jacket	Cloth for my Pants 180
Cloth for Pants cost 112	

one sane of yarn was 306

My hat was 150	My mittens was 25 c
My coat was 551	Cloth for Pant was 162
My gloves was 20	My gassers was 16 c
Cloth for Pants was 142	Laps for Boots was 115
one Pair of Pants was 56	Two Pair of socks was 25
one Pair of shoes was 98	Two canes of yarn for 54

My Pants was 389	My Pants cost 335
My cap ^{cost 50} cost 50	My shoes cost 132
My shoes cost 132	My Skates cost 75
Cloths for shirts cost 100	

My pants cost me 357
 My boots cost me 215

My slippers cost me 55 cents

My jacket cost me \$321 cents

My boots cost me \$255

My Dick 25th ^{made} ~~cost me~~ \$1 1/4
862 186 4 1/2 186 24 186 5

My ~~boots~~ cost me \$255

The ~~tripping~~ of my boots cost 50¢

My pants cost me \$2 60

The ~~tripping~~ of my pants was \$1 1/2

2 Pair of socks which cost \$1.50

My stone hat cost me 50 cents

4 yards of cotton cloth which was \$140

My ~~boots~~ cost me \$225

My ~~boots~~ cost me \$150

My coat cost me \$548

My pants cost me \$250

My shoes cost me 100

My Duster cost me 350

My ~~boots~~ cost me \$460

this is the year 1863 1863 1863

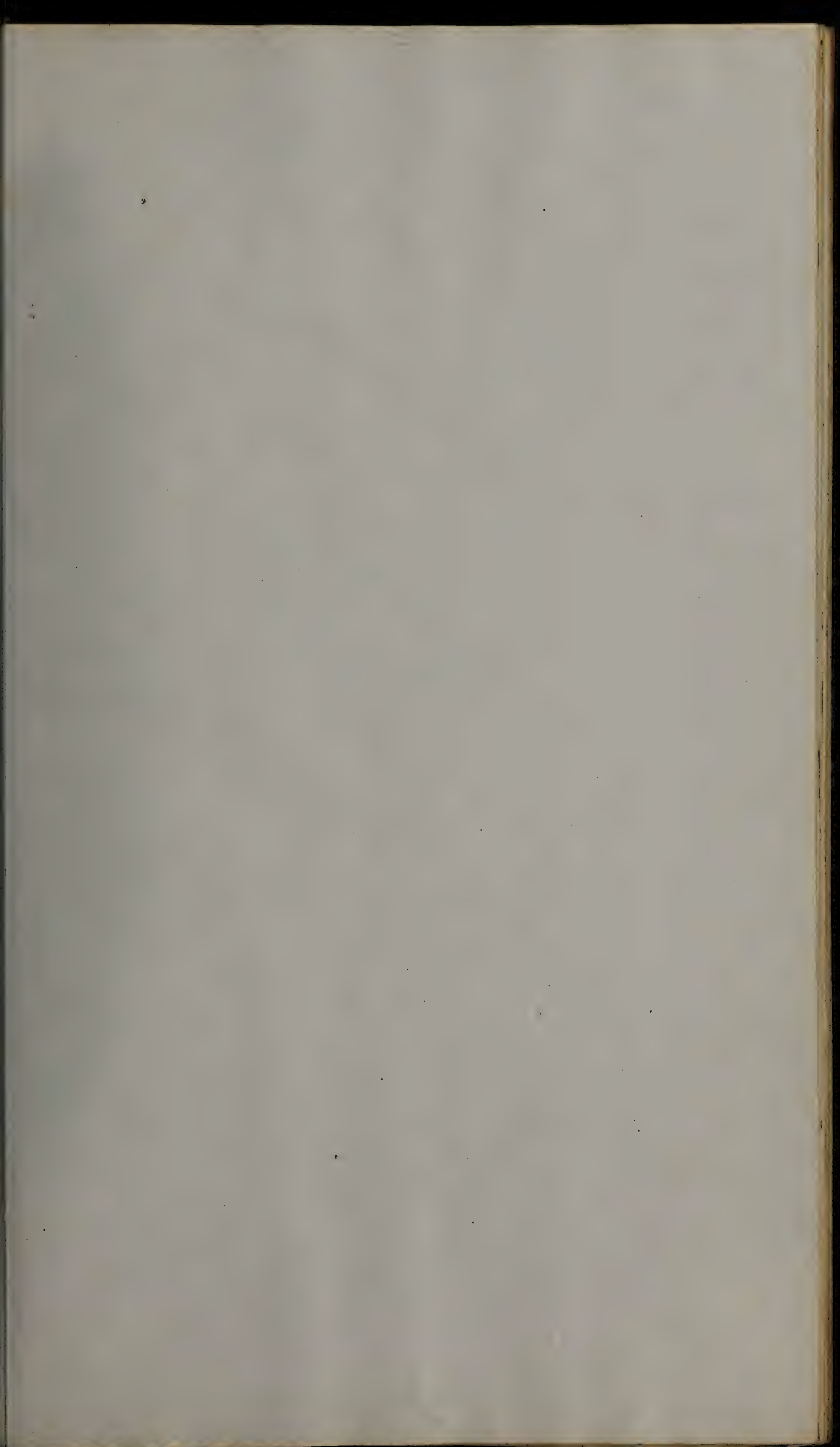
My ~~boots~~ cost me \$135

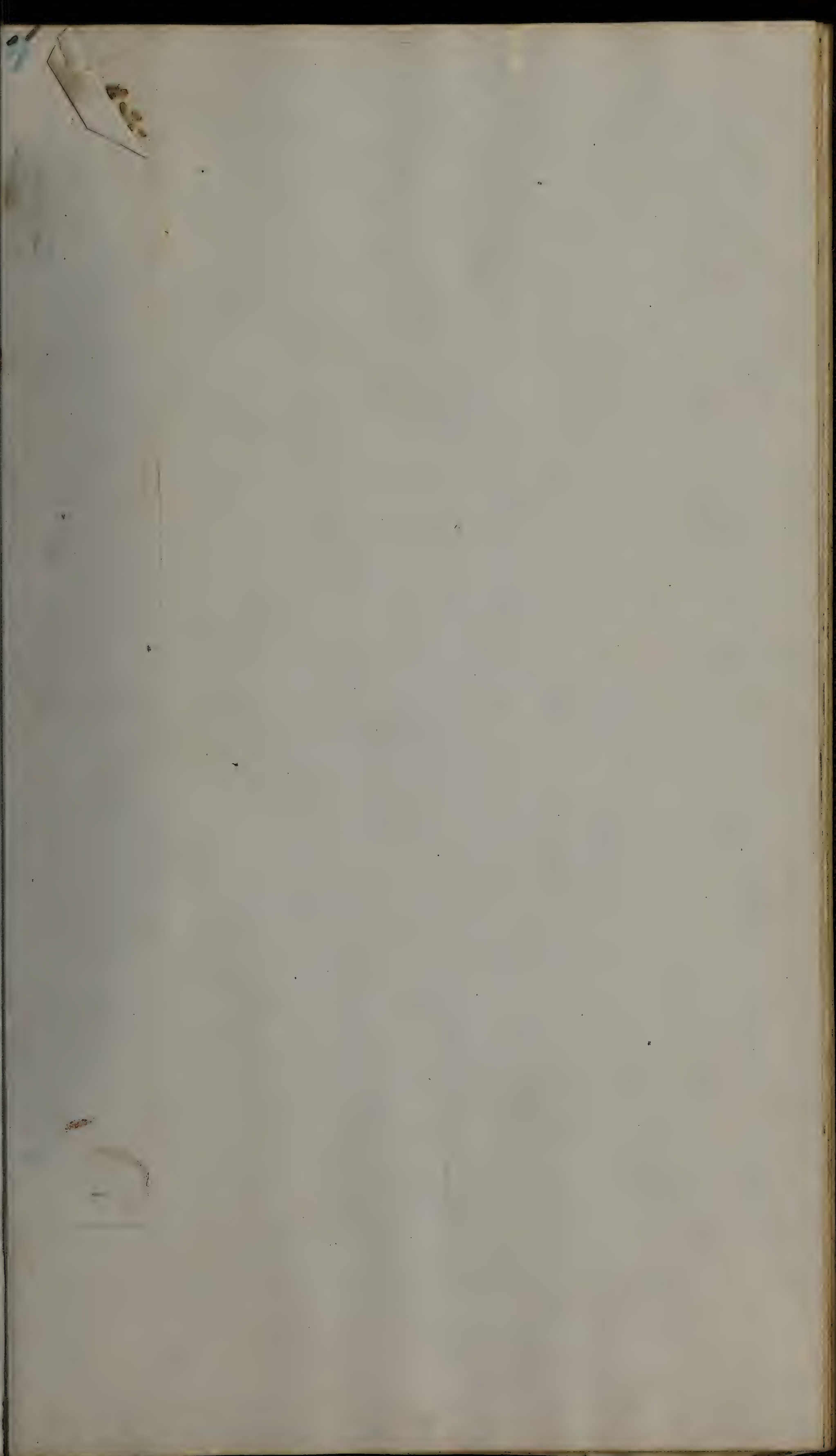
My ~~boots~~ cost me 14

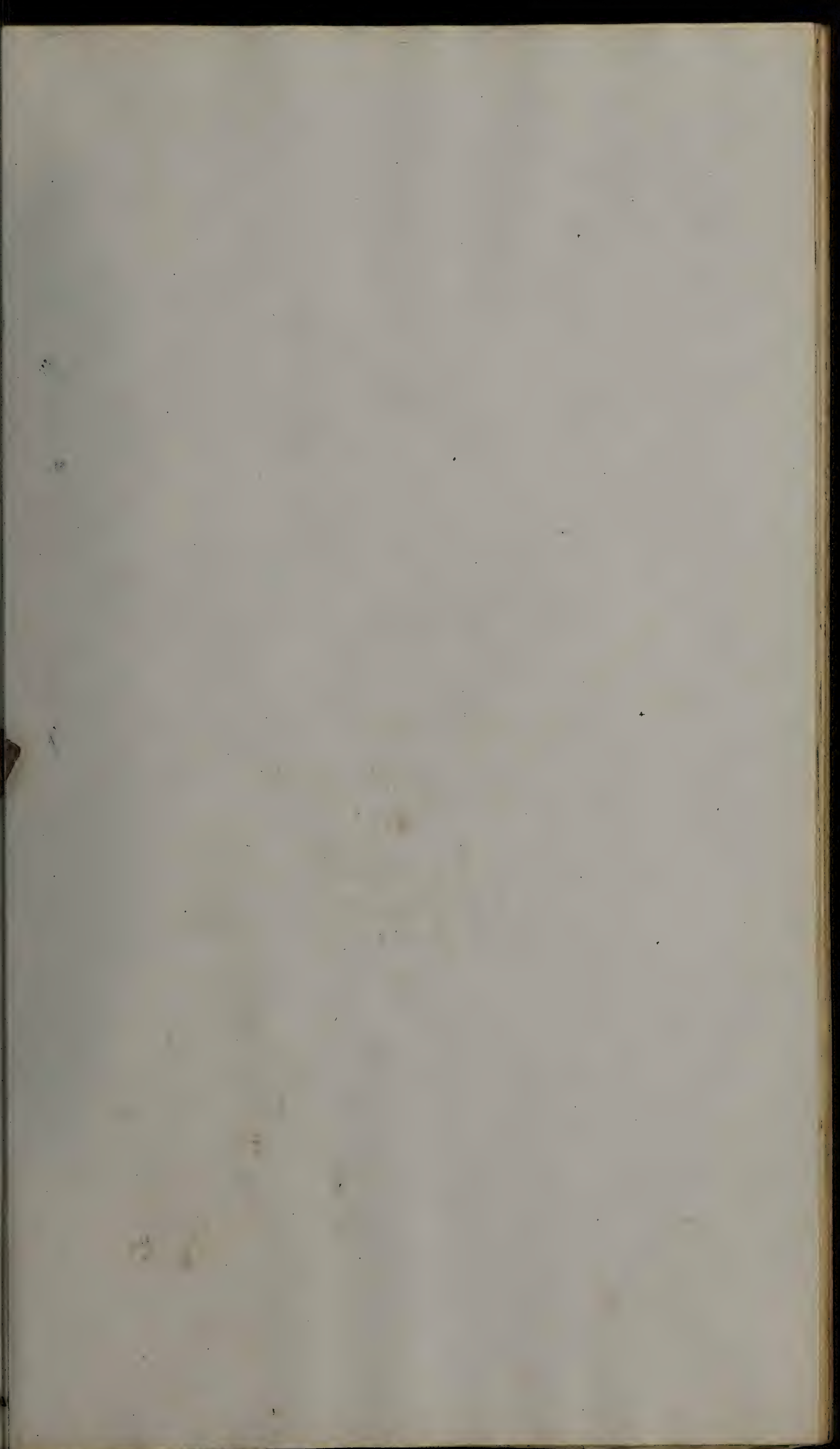
My ~~boots~~ cost me \$400

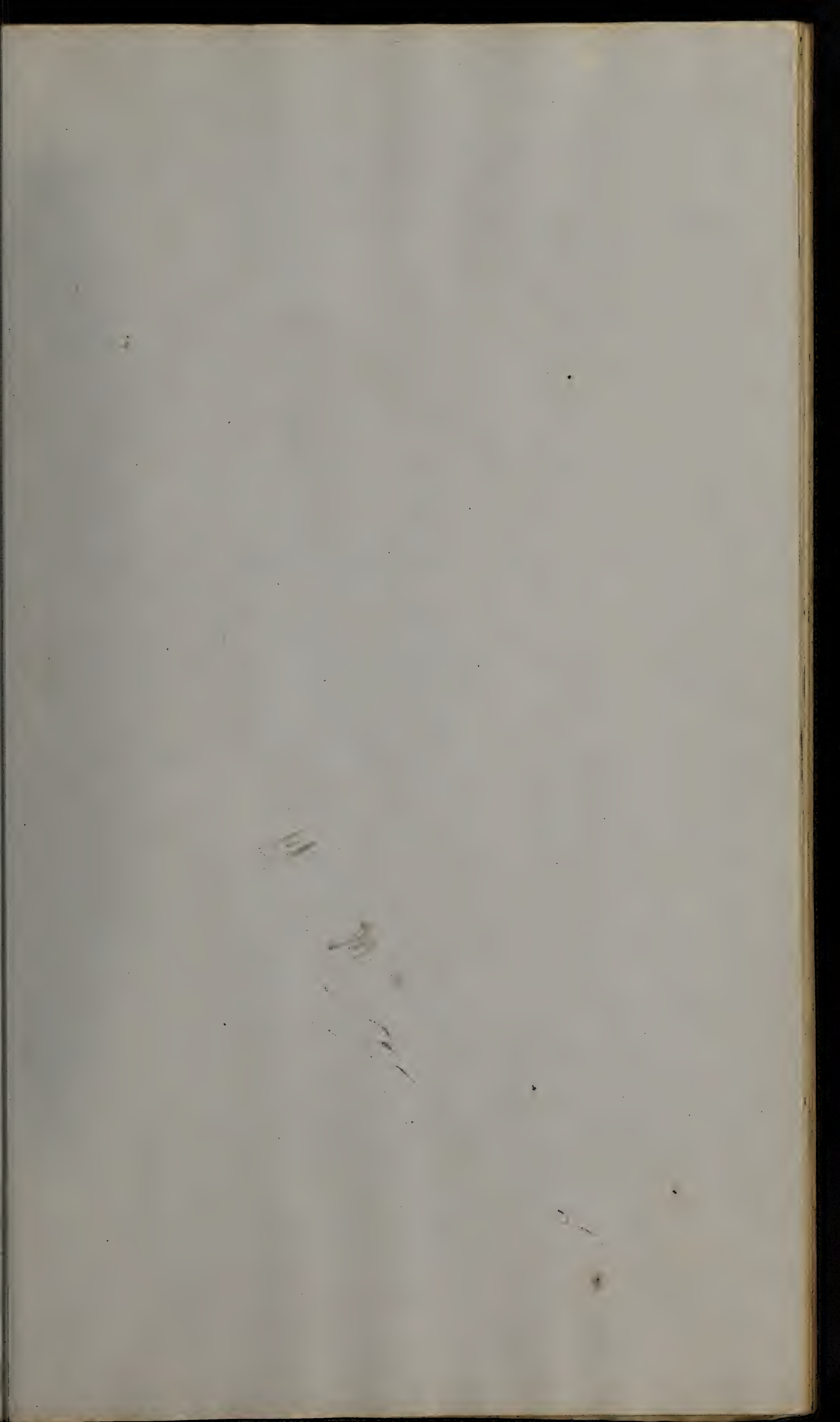
My ~~boots~~ cost me \$145

My Gaiter	Cost me	47	00
My Book	Cost me	7	00
My Coat and pants, and hat	Cost me	17	34
My hat	Cost me	2	00
My Pants	Cost me	11	34
My shirt	Cost me	1	00
My boots	Cost me	13	00
My overcoat	Cost me	17	15
My Boots	Cost me	4	00
My Boots	Cost me	13	00
My Pants	Cost me	11	00
My Drawers	Cost me	4	00
My Shirts	Cost me	42	00
My Bosom	Cost me	2	00
My hat	Cost me	1	00









	2	3	10
		5	10
	1	5	6
	1	5	6
	1	5	6
	1	1	2
	1	5	0
	1	5	0
	1	2	5
	5	5	1
	1	6	2
	1	2	6
	1	1	6
	1	4	2
	1	5	5
	5	6	
	2	5	
	1	8	
	8	2	
3	1	8	
3	7	5	
3	4	0	
1	3	7	
1	4	2	
	7	5	
1	0	0	
	9	0	
2	8	5	
2	2	8	
	5	6	
	5	7	
1	7	5	
1	8	5	
1	2	1	
2	4	8	
2	2	5	
1	1	7	
1	2	5	
	5	0	
2	6	0	
1	1	5	

<p> <i>Lid Harmonie in A²</i> <i>May 27th By two 15lb Potatoes</i> <i>(H)</i> </p>	<p> <i>Cr</i> <hr/> <i>\$ 4.00</i> <i>Cr</i> </p>
--	---

	(Houses)	Exp
May 22 ^c	Paying quarter Beef	\$ 3.34
" 24	" Beef	2.25

Mahomed Alway	Cn
By 1 bbl Potatoes	\$ 1.00
do 2 Dozen Eggs @ 6d	

Abdala Moser

May 21st To one Silver Watch in Trade. \$70.00

Sir Raymond Melling. En

" 24th By Twenty 6lb3 Potatoes.

" 25th House No six from Camore in Trade Dr 75.00

Mr. Higginz King of Johanna Dr
 No Port Charges & Pilot fees \$ 19.00

	House	Car
" 26 "	By Meat	\$ 1.75
" 27 "	" Meat	1.75

28. Lieut Reynolds bill for horse & rider 71

Edward Hovsen	1	Cm
29 lbs. 5 lbs. Potatoes in Sack	3	\$10.00
20 lbs. Taro	2	
10 " "	1	

30^o House To five pieces cloth in trade a 50000 25 00

	#	Lat ^N	Long ^W		(going)
Feb 16 th 1855	31.26	22.41	William Howell,	got one made 25 bbls	S.E.
					(going S.W.)
June 3 rd 55	10.57	45.15	Joseph Felix,	slight fast, drawn	W.D.
" 6 th 55	11.45	46.20	Daniel McDonald	saw the ship got none going E.S.E.	
" 8 th 55	11.12	46.21	Joseph Felix	bore Eastward got none	
August 13 th "	5.10	41.00	C. E. Luce	going S.W. got three	
" 16 " "	4.40	41.20	J. I. Jones	" S.W. by S did not lower them	
" 26 " "	5.25	40.00	C. E. Luce	" S.W. very quick, got none,	
" 27 " "	4.40	40.15	Mr Hatch	" " " " " " " "	
Sept 4 " "	6.10	40.40	John Adams	going S.E. Landed at home, got 5, made 70 bbls	
Oct 2 " "	1.21 N	47.05	William Howell	going N.W. & got 3 made 50 bbls	
" 21 " "	2.35 N	47.05	Dan McDonald	going N.N.W. very quick got none	
" 22 " "	2.10 "	46.53	J. A. Beebe	going N got five made 85 bbls	
Nov 2 " "	1.57 "		Dan McDonald	going N.E. got four made 65 bbls	
Jan 17 " 56	10.00	54.15	Cooper	going N struck 3 got 1 made 25 bbls	
Feb 25 " "	10.49	48.32	John Adams	" S.E. struck 4 got 3 W.B. lost a line	
Feb 17 " "			Joseph Felix	Large Whale	
March 17 " "	2.30	42.05	Anno	going W.S.W. got one made 27 bbls	
March 24 " "	0.05	43.29	Daniel McDonald	going S.W. got one made 33 bbls	
" 28 " "	00.10	43.36	Richard	" S.W. East got none it being night	
" 29 " "	00.11	Land	Daniel lying	still got three	
" 30 " "	00.17	" "	John A. Beebe	" got one Blubber Log	
May 31 " "	10.34	45.15	William Howell	Bark Peri got none	
June 20 " "	9.55	44.44	Wm Walker	going N.W. got one made 15 bbls	
" 22 " "	8.47	44.24	John Adams	going N.W. by N got none	
July 6 " "	10.48	46.36	Bark Peri	going S.W. got one half made 5 bbls	
August 13 " "	3.14	41.42	John Adams	going west got none	
" 20 " "	2.58	41.40	Richard	going South got two	
Sept 15 " "	0.17.05	43.50	Livia	" S.E. very quick lost run	
Oct 8 " "	0.12 N	44.31	Daniel	" " " Mote struck sparter	
Nov 2 " "	2.15	47.35	John Adams	" N.N.E. got 2 made 36 bbls	
" 3 " "	2.30	47.45	Cooper	" South got 2 made 36 bbls	
Jan 1 st 57	10.42	49.08	William	" S.E. Mote struck and drawn	(got none)
Jan 9 " "	9.48 S	49.04	Charlie	" E. very quick got none	
" 31 " "	10.50	50.45	John Adams	going Gallier with Miller	
Feb 2 " "	10.50	50.35	Amo More	going S.W. got none, going quick	
" 4 " "	11.08	50.15	John Price	at 9 o'clock at night, dark & foggy	
" 6 " "	10.57	49.05	Anno	got one	
" 7 " "	10.55	49.02	Charlie		
" 19 March 57	S.W. by W		Stephen	going East got four made 100 bbls	

I have been to keep an account of ^{the 1st of April} ~~the 1st of April~~
 of the year 1864
 We eat one that weight $2\frac{1}{2}$ pounds
 We eat one that weight $2\frac{1}{2}$

"BY THE WAY" Dollars 5.00

The love of B. Peterson & Co.

The love of money is the root of all evil. G. G. B. A.

The love of money is the root of all evil. G. G. B. A.

d d d d a a a a s s s s r r r r m m m m n n n n c c c c

d d d d a a a a s s s s r r r r m m m m n n n n c c c c

d d d d a a a a s s s s r r r r m m m m n n n n c c c c

Edward.

B

Betsy

W

Edward

Betsy C. Higgins

South Dartmouth

May

1818

Edward C. Higgins

South Dartmouth

Edward

Map

Edward C. Higgins

Dart

Betsy C. Higgins

Betsy

Mississippi

26
3
10
26
75

C

78

79

22

22

10

63

78

10

78

10

78

10

78

10

78

10

78

10

78

10

78

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78

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78

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78

10

Betsy C. Higgins.

Betsy C. Higgins.

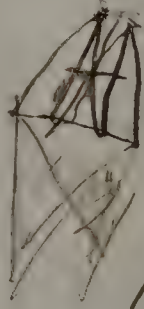
Edward C. Higgins.

Betsy

Edward C. Higgins.

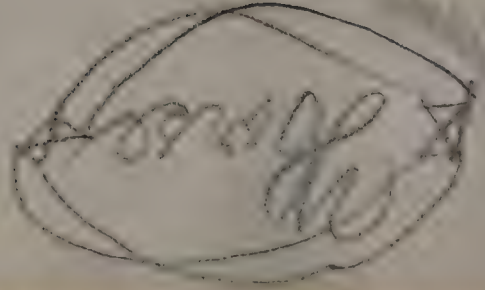
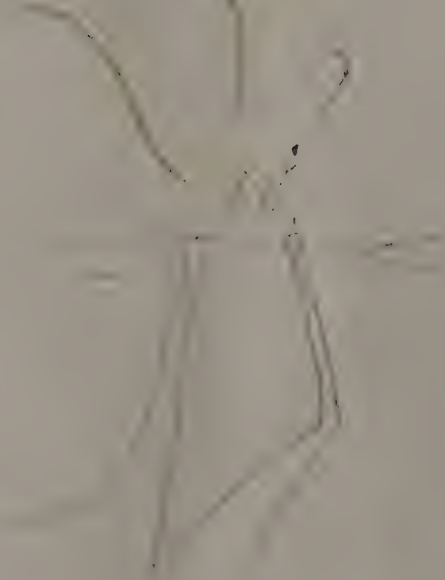
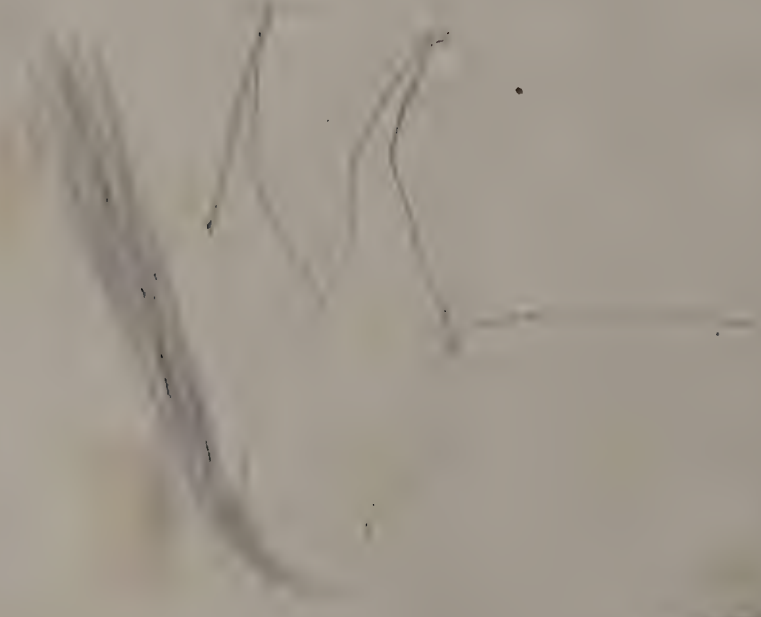
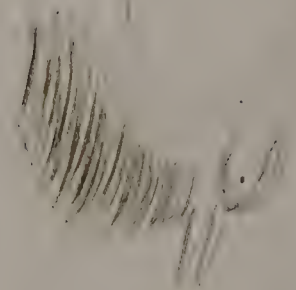
Edward C. Higgins

E C



McN

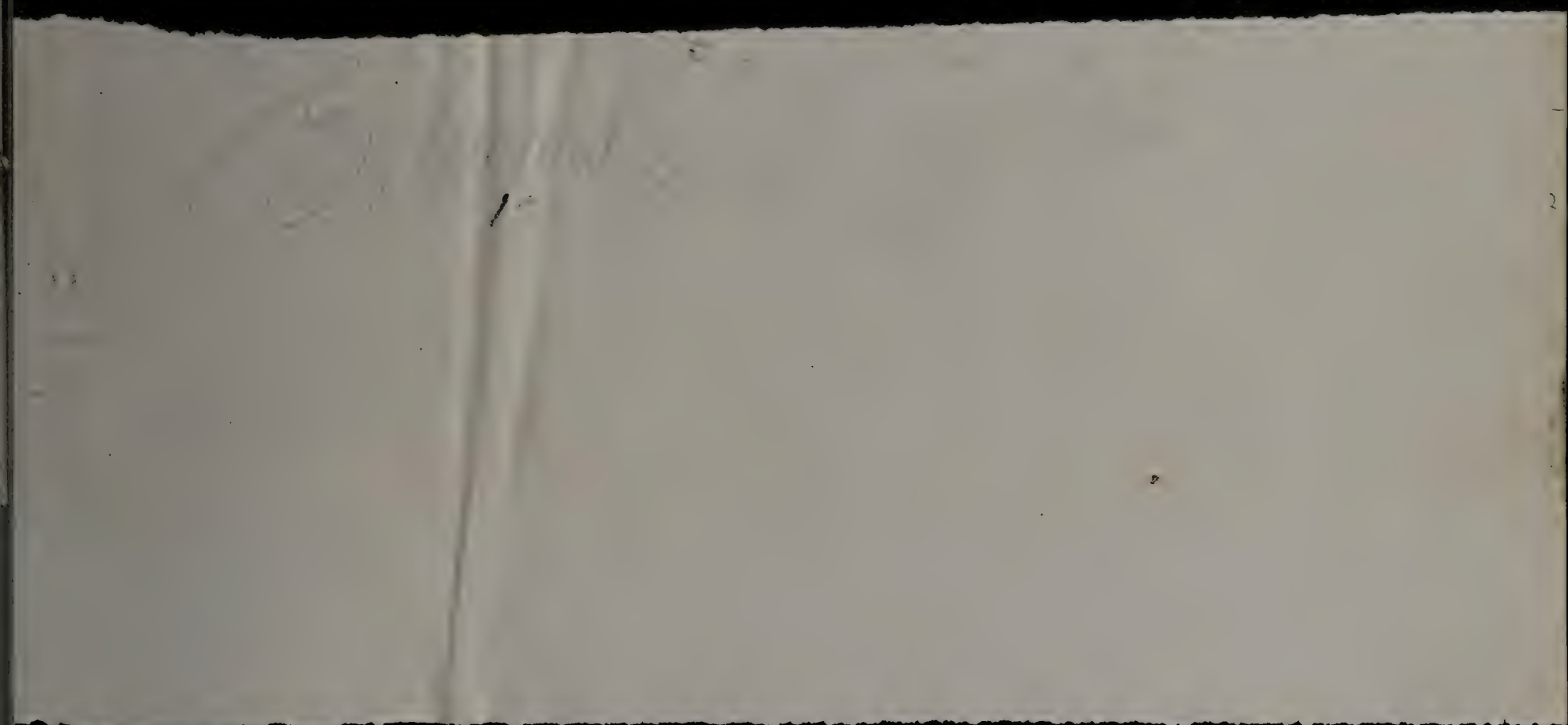
E. C. Higgins



Arrived at Westport, Burke and Carver
Higgins, Westport, with 750 bbls Sperm
and 12 Blackfish.

March 16th, Lat 19.20 South, Lon 42.10 W.
Spoke Bark Maria, Capt. Van Bedford,
40 bbls Sperm. Same day, Spoke Ship
Eagle, Capt. Velly, Van Bedford, Clean,
Capt. Ben Pelly, Spoke, on Fort Dauphin
three weeks previous, Bark John Dawson
Baker, Van Bedford, 250 Sperm, Joseph
Maxwell, Fair Haven, 800 Sperm, and
Clara Bell, Mattapoisett, 300 bbls Oil
on Board.

May 10th Lat 10 Miles North, Spoke Lon.
31.15 West, Spoke Schooner, Maria Queen
of Waltham of Shields England, 4.1
days from Rio Grand, bound to Cork
and Southampton.



For Money lent the Ship on
the Voyage

\$109 71

Cum B. Higgins

Edward A. Higgins

Bethune

Edward C.

173
23
+ 8
✓

20

4

6

18

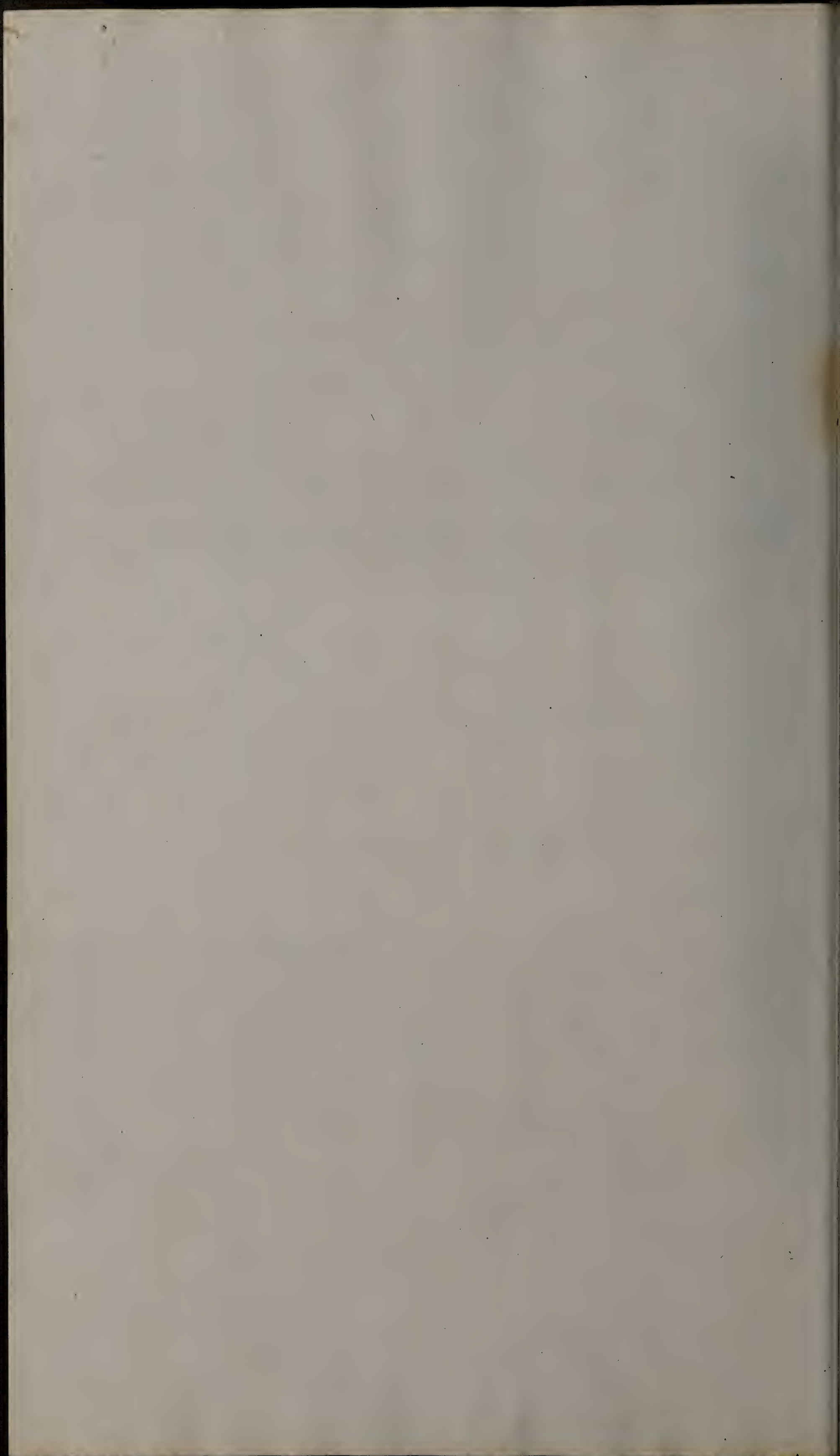
32

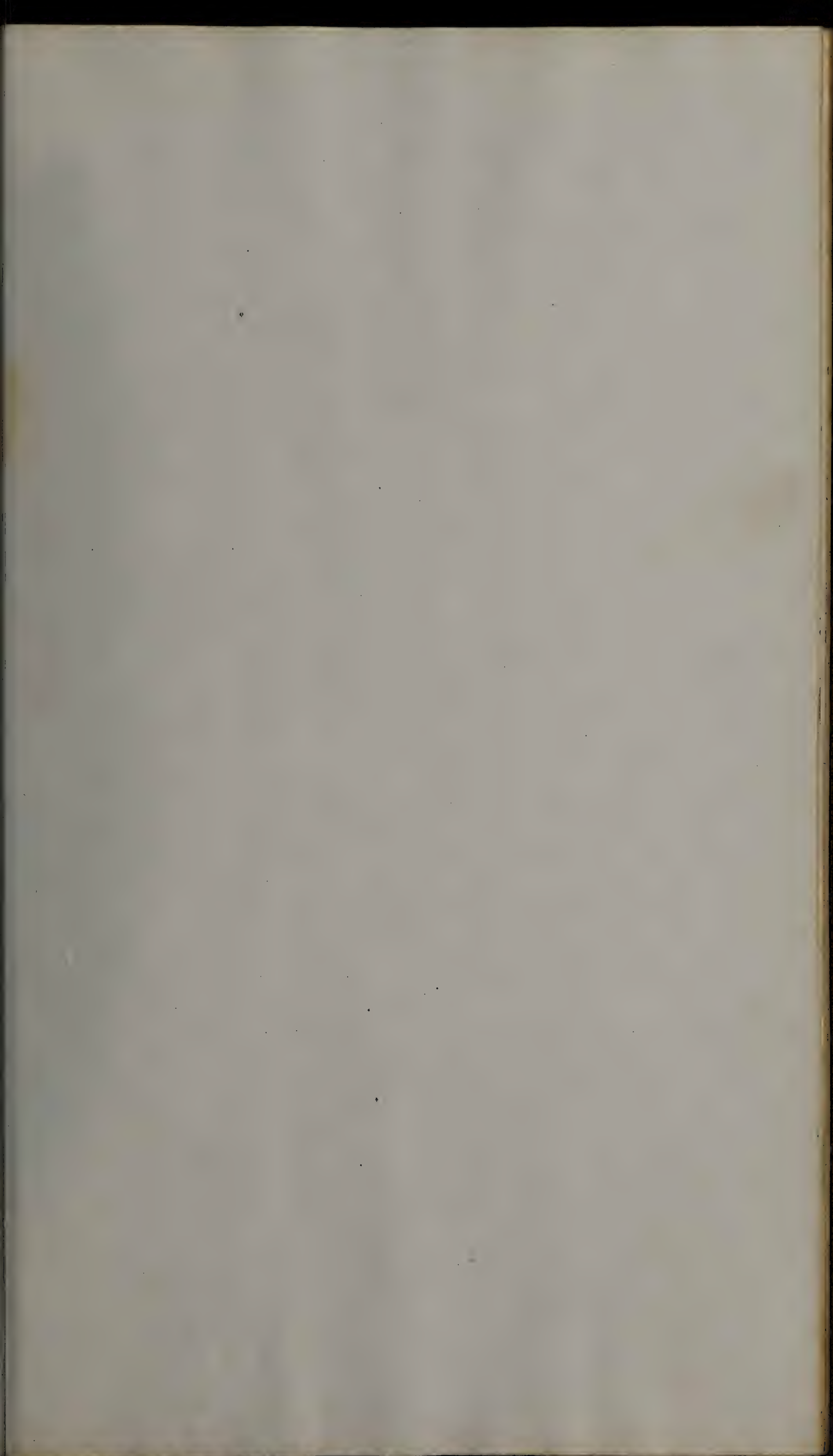
12

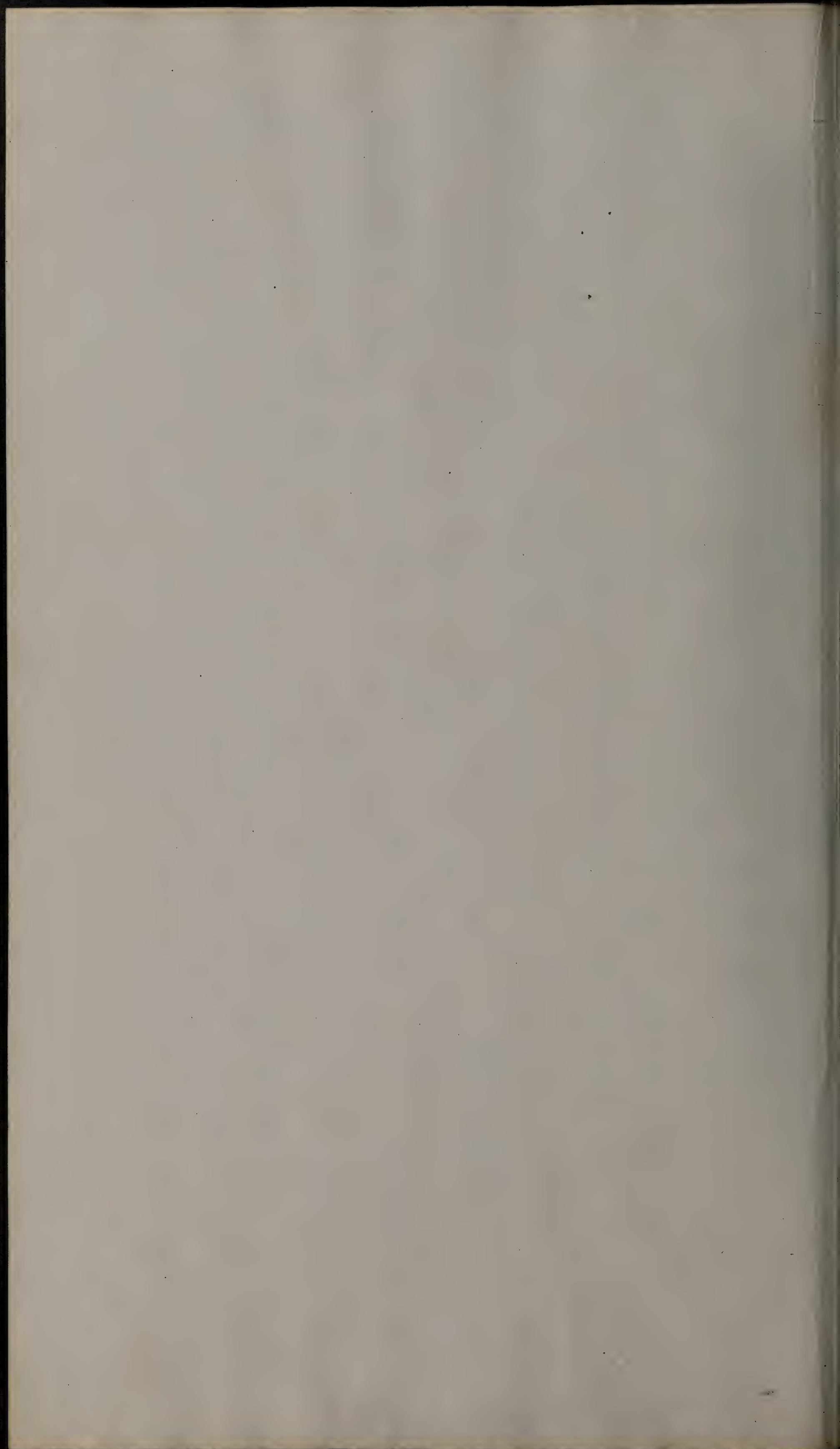
22

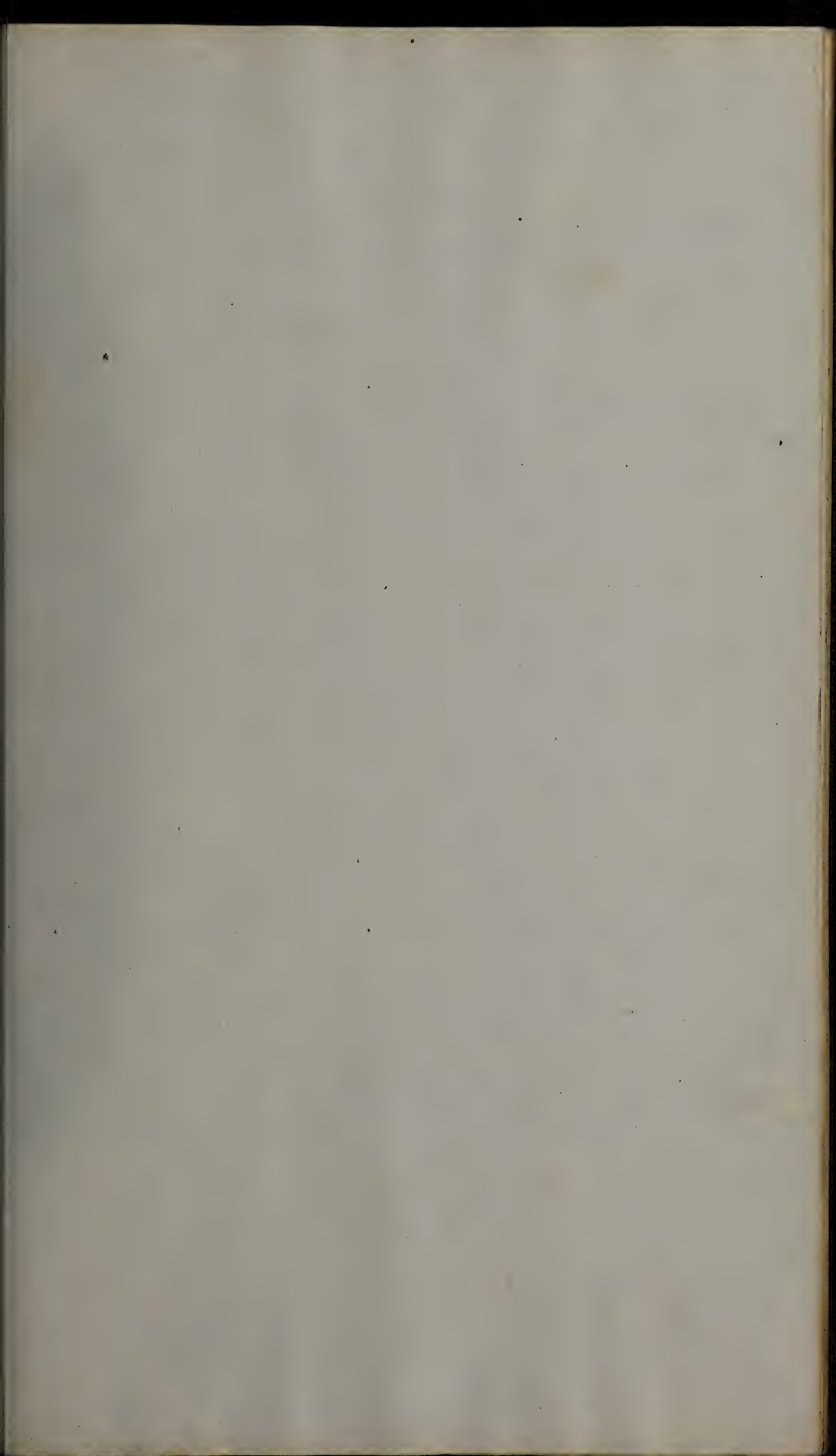
11

12) 29724
24
✓
46
11









Field of Anticlericalism, and down to the 19th

Get started at 10:00. Apr. 18th

Get started at 10:00. Apr. 26th

Get started at 10:00. May 1st

1881

1882

1883

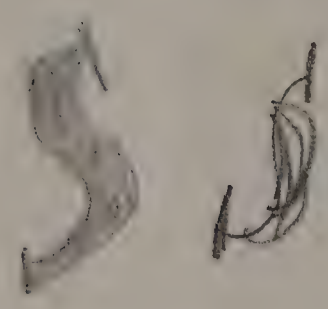
I have been used to the old way
 of doing business but now I am
 doing it the new way.

1	1 lb. of Gold.	100	25
2	1 lb. of Silver.	100	17
3	1 lb. of Copper.	100	60
4	1 lb. of Iron.	100	
5	1 lb. of Lead.	100	
6	1 lb. of Tin.	100	
7	1 lb. of Zinc.	100	
8	1 lb. of Nickel.	100	
9	1 lb. of Cobalt.	100	
10	1 lb. of Manganese.	100	
11	1 lb. of Potassium.	100	
12	1 lb. of Sodium.	100	
13	1 lb. of Calcium.	100	
14	1 lb. of Magnesium.	100	
15	1 lb. of Barium.	100	
16	1 lb. of Strontium.	100	
17	1 lb. of Bismuth.	100	
18	1 lb. of Antimony.	100	
19	1 lb. of Arsenic.	100	
20	1 lb. of Tellurium.	100	
21	1 lb. of Selenium.	100	
22	1 lb. of Silicon.	100	
23	1 lb. of Germanium.	100	
24	1 lb. of Gallium.	100	
25	1 lb. of Indium.	100	
26	1 lb. of Thallium.	100	
27	1 lb. of Lead.	100	
28	1 lb. of Tin.	100	
29	1 lb. of Copper.	100	
30	1 lb. of Silver.	100	
31	1 lb. of Gold.	100	

55B

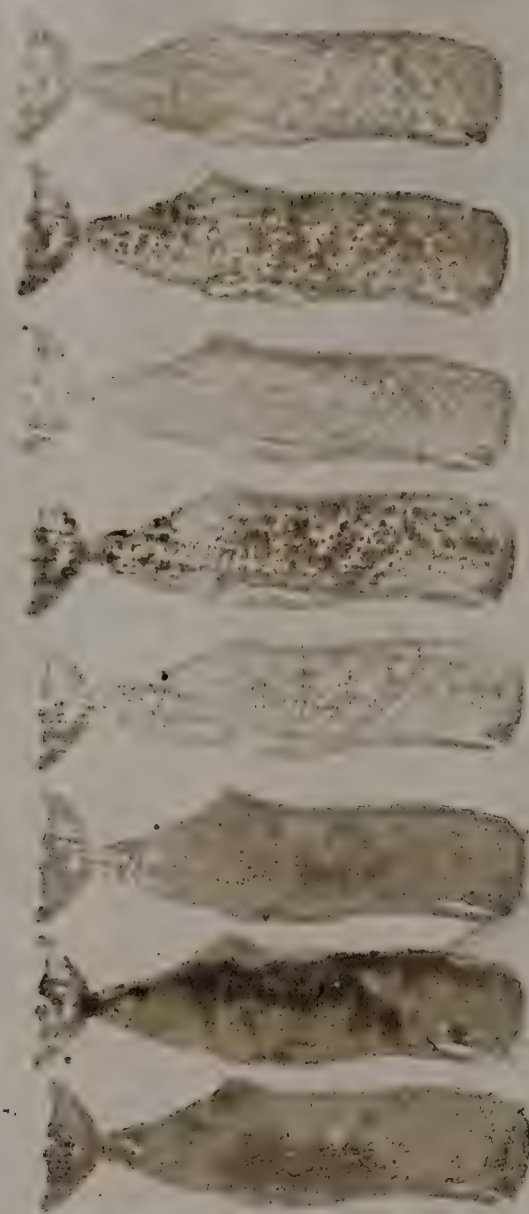


5
SB

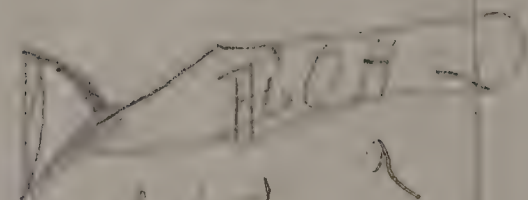


12 12 1/2

8
LB



LB



2 1 1/2 1

85
100
150
51
55
50

4
WB



WB



2 1 1/2 1

3 1 1/2 1

100
150
51
55
50

3 1 1/2 1

Mean Body
First Hair

Mean Body
Seventh Hair

207 203
228
225

177 123
211 119
217 242

Scanned to work for the 25th

207 656
Second Hair

213 228
119 124
218

135
119
211
185
122

17th

332 570

605 1256

Third Hair

Eighth Hair

156 233
145 155
101 101
396 489

253 218
136 180
122 230
122 194
181 180

33
15 3

Fourth Hair

239 219
214 124
198
198
45

814 1196

the account of My eggs for 1869

I have sold 27 1/2 of eggs receive for 60

453 784

Fifth Hair

259 198
224 123
200 124
135 122
245
217
200
200
83

818 1512

Sixth Hair

205 260
206 258
139 214
200
550 932

15

Dec 24	1851	1/2	Walker	Hersey Shirt & Drawers 90	\$ 2.20
Jan 7	56	1/2	Thug & muller 124 cts		.124
" 17	"	"	"	9 lbs Tobacco @ 20 cts	1.80
Feb 11	"	"	"	Sin San 20 Denim Pants 64	87
April 4	"	"	"	Duck Pants 100 Duck Stock 90 Pair Shoes 114	3.04
"	"	"	"	Hersey Shirt	1.30
" 14	"	"	"	Needle 6 Cash a Johanna 130	1.30
June 11	"	"	"	7 lbs 20 Tobacco @ 20 cts	1.40
July 20	"	"	"	Belt 21 Hersey Shirt 130 Drawers 90 Denim Pants 64	3.05
30	"	"	"	Spurn 7 4 lbs Tobacco @ 20 cts	87
Sept 28	"	"	"	Sin 25 cts Straw Hat 37 cts	62
Dec 30	"	"	"	1 1/2 Tobacco @ 20 cts	34
"	"	"	"	Calico Shirt 70 Hectors 1.10	1.80
March 2 ^d 57	"	"	"	2 Cotton Shirts 64 Calico Shirt @ 70	1.40
"	"	"	"	Pair Drawers	90

B

925

Betty C. Higgins

Map

918

16

South & East

1 1/6

1 1/2

260

William P. Hatch Dr
 To Cash at Mahaffey at 30 percent
 Dec 30th 1856 " 5 lbs Tobacco at 20 cts \$100
 March 2^d 57 " Cash at Mahaffey \$5.00 at 30 percent

Edward Higgins & J

Edward Higgins & J

Peter Higgins
 His Son of Jeffers
 Asa J. Howell
 Edward Higgins

EE

Petsey C. Higgins

Edward C. Higgins

Petsey C. Higgins

Orin B. Jeffers

Susan C. Jeffers

SS

E

Edward

M. Higgins

as Jeffers

85	4	
70		25
16		55
48		
22		25
32		1
57		25
67		35
97		

Edward Rouse			
June 1 st 55	1	To 8 lbs Tobacco @ 16 cts	\$ 1.28
" 5 th "	1	" 10 lbs Tobacco @ 16 cts	1.60
July 29	1	" 1 Pair Denim Pants @	64
August 10 55	1	" 1 Sheath knife 20 cts	.21
" 21	1	" 12 Piper	12
Sept 10	1	" 1 Pair Shoes	1.14
	1	" 1 oz Thread 6 Cts; Calumet Hat 21 cts	.27
	1	" 5 lbs Tobacco @ 20 cts	1.00
Dec 4	1	" Duck Pants 100 Pair Shirt	2.57
	1	" Cash at Mahaffey's at 30 percent	3.75
Jan 1	56	" 1 Pair Denim Pants	64
" 17	1	" 7 lbs Tobacco @ 20 cts	1.40
Feb 11	1	" Denim Pants 64 Pair Shoes 1.14	1.78
March 4	1	" 8 lbs Soup @ 10 cts	.80
May 1 st	1	" Jackknife 25 Cash @ Mahaffey's 78	1.23
June 11	1	" 4 lbs Tobacco @ 20	1.40
July 20	1	" Shoes 1.14 Thick Shirt 1.30 3 Thin Shirts 64	4.36
" 30	1	" Sheath knife 20 3 lbs Tobacco @ 20	.80
Dec 16	1	" White Drilling Pants	1.10
" "	1	" 17 lbs Tobacco @ 20	.34
" 30	1	" 1 Calico Shirt 70 Thick Pants 1.82	2.52
" "	1	" 2 Cotton Handkerchiefs 21	1.70
March 2 57	1	" Thick Pants 1.82 Peeping Jacket 3.80	5.62
" "	1	" Duck Goggles	.90
			<u>36.24</u>
			37.77

Frederick Johnson

June 15 th 55	✓	Bo 8 lbs Tobacco @ 16 cts		\$ 1.28
" 5 th "	✓	" 10 lbs Tobacco @ 16 cts		1.60
" 22 nd "	✓	" 8 pipes 2 Denim Pants @ 64		1.28
July 29 th "	✓	" Red flannel Shirt 157 Shoen @ 114		2.71
August 21 st "	✓	" Straw Hat		20
" 21 st "	✓	" 12 Pipes		12
Nov 18 th 55	✓	" Palm leaf Hat 21 cts		21
Dec 2 nd "	✓	" Duck Pants Red Shirt Cotton Work		1.00
	✓	" Cash at Make \$2.00 at 50 Percent		3.00
	✓	" Apprehension \$5.00 at 50 Percent		7.50
June 4 th 56	✓	" 1 Gas knife @ 33		
" 9 th "	✓	" Throat 12 th Medler 8 cts	1.28 1.14 2.42	20 1/2
" 17 th "	✓	" 9 lbs Tobacco @ 20 cts		1.80
Feb 11 th "	✓	" 2 Denim Pants 64 Pair Shoen 114		2.42
	✓	" Cash at Johanna	260 90 350	98
June 11 th "	"	" 7 lbs Tobacco @ 20		1.40
July 20 th "	"	" 2 Perry Shirts 130 Duck Work 90		3.50
Dec 30 th "	"	" 7 1/2 lbs Tobacco at 20 cts		34

Transcript to School house A

34
2.153
50
25.02

Amo Moro

Haymo Manaka

Dr

June 1 st 55	✓	50 lbs Tobacco @ 16 cts	0 64
August 21 st	✓	12 Pipes @ 12 cts 5 lbs Tobacco @ 16 cts	92
Sept 10	✓	Pair Shoes 114 Duck Pants @ 100	2 14
	✓	2 oz Thread @ 12 Jackknife 33	45
	✓	Palmetto Hat 21 cts	21
	✓	6 lbs Tobacco @ 20 cts	1 20
Nov 13	✓	Duck Pants @ 100 Jersey Shirt @ 30	2 30
Dec 4	✓	Pair Shoes 114 Straw Hat 21 cts	1 35
	✓	Cash at Mahe 400 at 50 percent	5 20
Jan 2 nd 56	✓	Jackknife @ 33 Pin Pan 20	0 53
April 4	✓	Pin Pot 20; Cash at Johanna 98	1 18
	✓	Cash 33 12 ozs Thread @ 6	0 45
June 11	✓	10 lbs Tobacco @ 20	2 00
July 20	✓	Denim Pants 64 Calico Shirt 70 Mouth Jack 20	5 74
	✓	2 Thick Pants 182 Blanket 100 Belt 21	4 85
	✓	Sheathknife 21 Jersey Hock 130	1 51
	✓	2 Pair Stockings	.80
" 30	✓	Cash at Johanna	1 63
Sept 18	✓	Sheathknife	.21
Sept 22	✓	4 lbs Tobacco @ 20	.80
Dec 30	✓	17 lbs Tobacco @ 20	3 40
" "	✓	2 Cotton Shirts 64 Hector Pants 110	2 38
" "	✓	1 Pair Shoes	.90
Jan 23 57	✓	Straw hat 37	37
March 2	✓	Cash at Johanna	65
" "	✓	Sheathknife	.21

Dec 16th 1857

Charles C. Neil

Dr

June 12 th 53	✓	8 lbs Tobacco a 16	\$ 1 28
August 1 st	✓	1 Jackknife	33
Sept 10	✓	1 Pair Shoes 1 ⁷⁴ & 1 Pair Drawers 2 ⁰⁰	2 04
	✓	2 oz Thread a 6 ^{cts} Tin Pot 20 cts	32
	✓	3 lbs Tobacco a 20 cts	60
Oct 10	✓	Straw Hat a 21 Straw Hat 21 cts	42
Dec 5	✓	Denim Pants 64 Cotton Hank 21 cts	85
	✓	Cash at make \$ 2.50	3 75
Jan 22	✓	1 Jackknife a 33	33
" 17 "	✓	9 1/2 lbs Tobacco a 20 cts	1 90
" 20 "	✓	Jumpser 40 Safety jacket 4 40 belt 20	5 30
April 4	✓	Denim Pants Straw Hat 33	64
	✓	Straw Hat 33 Cash at Johann 98	1 31
June 11	✓	6 lbs Tobacco a 20	1 20
July 15	✓	1 Ozs Thread a 6 6 needles 3	0 09
20	✓	Duck Trock 90 Denim Pants 64	1 54
"	✓	Curry Shirt 130 Belt 21	1 51
	✓	Sheath knife 21 Cash in Johann 33	54
Sept "	✓	4 lbs Tobacco a 20 cts	80
" 28 "	✓	Tin Pot 20 cts Pan 34 cts	54
Oct 8	✓	Sheath knife 21 cts	21
Dec 30	✓	1 1/10 lbs Tobacco a 20	34
Jan 24	✓	57 " Sheath Knife 22 cts	21
March 2	✓	2 Cotton Shirts a 64	1 28

Stephen Hanaoka		Apr
June 1 st 55	To 8 lbs Tobacco @ 16 cts	\$ 1.28
" 22 "	" 8 piper	.08
Sept 10 "	" 1 Pair Shoes 1.14 8 Spoon 9 cts	1.21
" "	" 2 oz Thread @ 6 Pin Pot 20	.32
" "	" 7 lbs Tobacco @ 20 cts	1.40
Nov 1 st 55	" Palm Leaf Hat 2.10 Denim Pants 64	.85
" "	" Cash at Makai \$ 2.50 at 30 percent	3.75
Jan 2 nd 56	" 1 Jackknife @ 33 cts Needle 6 cts	.39
" "	Thread and Needle	1.84
" 17 "	" 7 1/2 lbs Tobacco @ 20 cts	1.50
" 20 "	" Denim Pants 64 Jersey Drawers 90	1.54
Feb 11 "	" Pot 20 Pan 20 Shoes 1.14 Pants 64	2.18
" "	" Cash at Johanna	1.30
" "	" Jackknife 25 2 Ozs Thread @ 6	.37
June 11 "	" 7 lbs Tobacco @ 20	1.40
July 20 "	" 2 Jersey Shirts 1.30 Calico Shirt 70	3.30
" "	" Drawers 90 Thick Pants 1.80	2.70
" 30 "	" Cash in Johanna	.33
Sept 22 "	" 5 lbs Tobacco @ 20	1.00
" "	" Sheath knife 21 cts 17 1/10 lbs Tobacco @ 20	.55
Dec 30 "	" 2 Cotton Shirts 64 Westr Pants 1.10	2.38
" "	" Pair Shoes	1.14
March 2 nd 57	" Calico Shirt 70 Pair Drawers 90	1.60

1 Day's pay - \$5.00

Solomon Kanaka		Dr
June 1st 55	V 40 8 lbs Tobacco @ 16 cts	\$ 1.28
" 5 "	" 1 " 2 lbs Tobacco @ 16 cts	32
Sept 40 "	" 1 " 1 Spoon 7 cts Tin Pot 20 cts	27
" "	" 5 lbs Tobacco @ 20 cts	1.00
Nov 1st 55	V " Palm leaf Hat @ 21	21
" "	V " Cash at Make \$250 at 30 percent	3 75
Jan 17th 56	V " 4 1/2 lbs Tobacco @ 20 cts	1.50
Feb 7 "	V " Pot 20 Pan 20 Duck Trock 90	1.30
April 14 "	V " Pudding 6 Cash at Johanna 1.30	1.36
" "	V " 2 Cys Thread @ 6	12
June 11 "	V " 4 lbs Tobacco @ 20	1.40
July 20 "	V " Monkey Jacket 4.40 Thick Pants 18 2	6.22
" "	V " Jersey Trock 1.30 Thin Shirt 64	1.94
" "	V " Duck Trock	90
" 30 "	V " Cash in Johanna	33
Sept 22 "	V " 4 lbs Tobacco @ 20 17/10 lbs Tobacco	1.14
Dec 30 "	V " Pair Thick Pants 1.82 Cotton Shirt 64	2.46
Feb 17 "	V " Straw Hat	38
March 2nd 57	V " Thick Pants 1.82 Sheath knife 21	2.03

(George Parents)			Dr
June 4 th 55	✓	8 lbs Tobacco at 16 cts	\$ 1.28
" 5 th "	✓	20 lbs Tobacco at 16 cts	3.20
July 10 th "	"	Pair Blue Denim Pants	.64
August 6 th "	"	Jackknife	.27
Sept 10 th "	"	1 Pair Shoes & Gumpers 75 cts	1.89
	✓	1 oz Thread 6 cts	.06
	✓	10 lbs Tobacco at 20 cts	2.00
Nov 1 st 55	✓	Pair Shoes 1.14 Straw Hat 21	1.35
" " "	✓	Pair Leaf Hat 21	.21
Dec 4 th "	✓	2 Collie Shirts 70 Calico Shirt 70	2.10
	✓	Jackknife	.25
	✓	Cash at Mace \$4.00 at 50 percent	6.25
	✓	Mersey Shirt at 1.30 Duck Pants at 1.00	2.30
Jan 17 th 56	✓	7 1/2 lbs Tobacco at 20 cts	1.50
March 6 th "	✓	Jackknife 33 cts Straw Hat 20	1.53
May 14 th "	✓	Jackknife 25 Cash at Johanna 2.11	2.36
June 11 th "	✓	7 lbs Tobacco at 20	1.40
July 20 th "	✓	2 Cotton Shirts 64 Denim Pants 64	1.92
" 30 th "	✓	Cash in Johanna	.33
" " "	✓	10 lbs Tobacco at 20 cts	2.00
Aug 27 th "	✓	2 Straw Hat at 34 cts.	.68
Sept 5 th "	✓	Monkey Jacket	6.00
" 22 nd "	✓	6 lbs Tobacco at 20	1.20
Dec 30 th "	✓	2 1/2 lbs Tobacco at 20	.50
" " "	✓	Thick Shirt 1.30 Cotton Shirt 64	1.94
" " "	✓	Calico Shirt 70 1 Blanket 1.09	2.79
March 22 nd 57	✓	2 Pair Thick Pants 1.82 Monkey Jacket 4.40	10.00

William Farrel

Dr

June 1 st 55	To Piper 12 cts	\$ 12
" 5 "	" 10 lbs Tobacco @ 16	1 60
July 29	" 2 Denim Pants @ 64 cts	1 28
August 21	" 12 Piper 12 cts	1 2
" 1 "	" Cash at Mahoe 2.50 at 30 percent	3 25
Jan 22	56 V. in jackknife at 33 cts	33
" 17 "	" 7 1/2 lbs Tobacco @ 20 cts	1 50
April 12	" 30 Jackknife 30 Cash at Johann 130	1 60
July "	" 1 Jersey Shirt	1 30
Sept 22	" 4 lbs Tobacco at 20	80
Dec 30	" 17 1/2 lbs Tobacco @ 20	3 50
" " "	" Hector Pants	1 10

Charles Hipp		Dr
June 1 st 53	1 To straw Hat 21 cts Tobacco 8 lbs @ 16 cts	\$ 1.49
" " "	" 10 lbs Tobacco @ 16 cts	1.60
" 11 " "	One jackknife & piper	70
" 22 " "	1 jumper	70
August 21	12 Paper 12 cts	12
Sept 10	1 Pair Shoes 1.14 & 1 Pair Pants 64	1.78
" "	1 oz Thread 26	06
" "	13 lbs Tobacco @ 20 cts	2.60
Nov 5	1 Pair Duck Pants 1.00 2 Pair Drawers 2.90	1.90
" "	1 Palm Leaf Hat 21	21
Dec 4	1 Red Shirt 73c Palm Hat @ 21	1.51
" "	Cash at Wake \$ 300 at 50 percent	4.50
" "	Apprehension \$ 5.00 at 50 percent	7.50
Jan 7 th 54	Two Skeins Thread	12 1/2
" 17 " "	9 lbs Tobacco @ 20 cts	1.80
Feb 11	1 Pair Pants 20	40
April 4	1 Pair Shoes 1.14 Spoon 7	1.21
" "	1 Jackknife 25c Needle 6	31
May 27	Cash at Johanna	1.30
" "	1 Straw Hat 33	33
Sept "	1 4 lbs Tobacco @ 20	80
" 14	1 Pair Denim Pants @ 75 cts	1.50
Dec 15	1 Tin Pot 25 cts Spoon 7	32
" 30	1 10 lbs Tobacco @ 20 cts	34
" "	1 Red Shirt 1.57 Calico Shirt 70	2.27
" "	2 Cotton Hankies 21	42
March 22	2 Calico Shirts 70 Cotton Shirt 7	2.07

20	80	90
40	128	128
114	208	208
161		

Daniel Mc Donald			Dr
June 1 st 55	To cash at Yokama		\$ 3 00
" 9 "	" 1 " Two Palm leaf Hats @ 25 cts		0 42
July 29 th	" 1 " 2 Pair Shoes @ 1.14 cts		2 28
" "	" 1 " 2 Denim Pants 64 1 Duck Pants 90		2 15
" "	" 1 " 6 lbs Tobacco @ 20 cts		1 20
Nov 5 th	" 1 " 2 Pair Denim Pants 64 2 Pair Drawers 90		3 80
" "	" 1 " 2 jumper 70 Jersey Shirt 130		2 70
" "	" 1 " Pair Shoes 114 Calico Shirt 70		1 84
" "	" 1 " Calico Shirt 70 Bed Shirt 130		2 00
" "	" 1 " Cash at Makah ^{6.50} at 30 percent		8 45
" "	" 1 " Sheath knife @ 21 jack knife @ 33		0 54
Y 16 "	56 " 1 " Jack knife 34 cts		34
17 "	" 1 " 4 lbs Tobacco @ 20		80
Feb 11 "	" 1 " 2 Denim Pants 64 Shoes 114		2 42
March 4 th	" 1 " 10 lbs Soap @ 10 cts		1 00
April 4 "	" 1 " 2 Jersey Shirts 130 2 Pair Blue Pants 64		3 88
" "	" 1 " Pair Shoes 114 1 jumper 70		1 84
May 18 "	" 1 " Cash		3 90
July 15 "	" 1 " 20 lbs Thread @ 6		12
" 20 "	" 1 " 3 Jersey Shirts 130 2 Duck Pants 100		5 90
" 30 "	" 1 " Cash in Yokama		1 30
" "	" 1 " 10 lbs Tobacco @ 20 cts		2 00
" "	" 1 " Jack knife 20 cts		20
Sept 22 "	" 1 " 4 lbs Tobacco @ 20 cts		80
" "	" 1 " 1 lb Java Tobacco		37
Dec 13 -	" 1 " Sheath knife 21 cts		21
" 30 "	" 1 " 1 lb Tobacco @ 20 cts		60
" 30 -	" 1 " 2 Jersey Shirts 130 3 pair Drawers 90		5 30
" "	" 1 " Actor pants 1.10		1 10
Feb 14 "	57 1/2 " Pair Thick Pants		1 82
March 22	" 3 Sheath knives @ 21 cts		63
" " "	" Cash at Yokama		1 30

Richard Mc Donale		In
June 1 st 55	V. To Straw Hat 21 cts Tobacco 16 cts	\$ 1 49
" 5 th "	" 10 lbs Tobacco 16 cts	0 48
" 22 nd "	" One jackknife	27
July 29 th "	" Pair Shoes 1 14 1/2 Denim Pants 64	1 78
" " "	" 2 Thin Shirts 64	1 28
Sept 10 th "	" Red Shirt Jumper 70 Spoon 4	2 34
" " "	" Pair Duck Pants 100 303 Thread 26	1 18
Oct 17 th "	" Tin Pot 20 cts Palm leaf hat 21 cts	. 41
" " "	" Duck Pants 100 Straw Hat 21 cts	1 20
" " "	" Cotton Hank	21
" " "	" Cash at Mahe 250 at 30 percent	3 25
Jan 9 th 56	" 2 Thinner Thread 12 cts Needles 12 1/2	" 25
" 23 rd "	" V. Straw Hat 21 cts Oil Soap 6 lbs 10 cts	71
Feb 11 th "	" Pot 20 Pan 20 Sheath & Belt 20 Jumper 40	1 30
April 4 th "	" Duck Pants 100 Denim Pants 64 2 Cotton Shirts 64	2 90
" 14 th "	" 2 C3 Thread 12 Jackknife 33	" 45
" " "	" Straw hat 33 Cash at Johanna 130	1 63
" " "	" Jackknife 25	25
July 20 th "	" 2 Blue Pants 64 Thick Shirt 1 30 Shoes 1 14	4 12
" " "	" Belt 21 Thin Shirt 64 Stockings 80	1 65
" " "	" Jackknife Sheath knife Needles 6	27
" 30 th "	" Cash in Johanna	33
Sept 18 th "	" V. Tin Pot 20 cts 3 yds Duck 22 cts	86
" " "	" V. Yard canvas	37
Dec 30 th "	" 4 Cotton Shirts 64 1 SW Hat 100	3 56
" " "	" V. Pair Drawers 90	0 90
" " "	" V. Cotton Pants 1 10	1 10
March 2 nd 57	" 2 Cotton Shirts 64	1 28
" " "	" Sheath knife	21
" " "	" Grey Stock	

John Adams

Page

June 15/55	V. 1/2 Piper 12 cts	Jackknife a 33 cts	\$ 1.45
" " "	V. " 10 lbs Tobacco a 16		64
" 5/5	V. " 10 lbs Tobacco a 16 cts		1.60
" 22 "	V. " 8 piper as Orig. jackknife a 25 cts		.33
July 29	V. " 1 Red flannel Shirt 157	1 Skin a 64	2.21
" "	V. " 1 Denim Pants a 64	1 Tin Pot a 20 cts	84
August 21	V. " 12 Piper 12 cts		12
Sept 10	V. " 1 Pair Shoes 2.41	1 Red Shirt 157	2.41
" "	V. " 1 Spoon 7	1 Palm leaf Hat 28	28
" "	V. " 2 oz Thread a 6 cts		12
" "	V. " 5 Tobacco a 20 cts	1 Denim Pants	1.64
" "	V. " 1 Duck Pants 100	1 Pair Shoes 1.14	2.14
Dec 1	V. " 1 Calico Shirt 70 cts		.70
" "	V. " Cash at Mahoe \$150 at 30 percent		1.95
Jan 2 1/2	V. " 1 Jackknife a 33 cts	2 oz Thread 12 cts	.45 1/2
" 17 "	V. " 9 1/2 lbs Tobacco a 20 cts		1.90
" 20 "	V. " Cotton Shirt 64		.64
Feb 11	V. " 1 Duck Pants 100	1 Pair 20	1.20
March 4	V. " 12 lbs Oil Soap a 10 cts		1.20
April 4	V. " 1 Cotton Shirt 64	1 Tin Pot 20	.84
" 14 "	V. " 6 Needles 6	Cash a 140 Mahoe	1.36
" "	V. " 2 Oz Thread a 6		.12
June 11	V. " 7 lbs Tobacco a 20		1.40
July 20	V. " 1 Monkey jacket 4.40	2 Skin Shirts 64	5.68
" "	V. " 1 Thick Pants 182	1 Kersy Shirt 130	3.12
" 30 "	V. " 1 Paper Needles 12 1/2	Cash in Mahoe 33	43 1/2
Sept 22	V. " 4 lbs Tobacco a 20 cts		.80
Dec 15	V. " 1 Spoon 7 cts	1 Sheath knife 21	.28
" 30 "	V. " 1 1/2 lbs Tobacco a 20		.34
" "	V. " 1 Straw hat		.37
" "	V. " 2 Cotton Shirts 64	1 Pair Drawers 90	2.18
" "	V. " 1 Thick Pants 182		1.82
Jan 23 1/2	V. " 1 Straw hat 37	1 Calico Shirt 70	1.14
" "	V. " 1 Kersy Stock	1 Double Blanket	

Gosw Sylva Goswami		Dr
June 18/53	12 pipes 12 Tobacco 4 lbs @ 16 cts	76
" 5 th	" 10 lbs Tobacco @ 16 cts	160
" 17 th	" One pocket knife 27 cts 3 pipes 30 cts	30
July 29	" Sheath and Belt	20
August 11	" 12 pipes 12 cts	12
Sept 10	" 100 Red Shirt Duck Pants Shoes 114 Spoon 7	378
"	" 1 oz Thread 150 @ 6 cts Tin Pot 20	26
"	" 4 lbs Tobacco @ 20 cts	80
Nov 14/53	" Blanket Hat	21
Nov 5	" 2 Denim Pants 64 jumper 70	198
"	" Drawers 290	0.90
"	" Cash at Mahaff 250 at 50 percent	3.65
"	" Apprehension 500 at 50 percent	7.50
Jan 2 nd	" 1 pocket knife @ 33 cts	33
"	" Thread & Needles 18 1/2	18 1/2
" 17 th	" 7 1/2 lbs Tobacco at 20 cts	150
" 23 rd	" Straw Hat 21	21
Feb 11	" 100 Red Shirt Duck Pants Shoes 114	420
March 4	" 5 lbs Oil Soap @ 10 cts	50
April 4	" 100 Red Shirt 130; 2 Cotton Shirts 64; Duck Pants 100	358
"	" Duck Trench 90; 2 Denim Pants 64; Pair Shoes 114	332
" 14	" Needle & Thread 12	18
May 27 th	" 560 Cash at Mahaff 130	120
June 11	" 6 lbs Tobacco @ 20	120
" 26	" Sheath knife 21 Duck Trench 90	121
July 20	" 2 Pair Drawers 90 Jersey 130	310
" 30	" Paper needles 12 1/2 cts 103 Thread 12 1/2	25
Sept 22	" 4 lbs Tobacco @ 20 cts	80
" 28	" Tin Pot 20 cts 2 yds Duck 22 cts	64
"	" Curtain 40 cts	40
Dec 15	" Tin Pot 25 Spoon 7	32
"	" 3 yds Canvas 37 cts 170 lbs Tobacco 71	71
"	" 2 Calico Shirts 70 Hector pants 110	250
"	" 1 jumper 90 1 Blanket 109 120 Hat 100	299
Jan 20	" 571 Sheath knife 21 Cotton Shirt 64	85
March 1	" Calico Shirt 70 Jersey Trench Stockings	

Daniel Turner

Dr

June 153	V	To pipes 12 Hat 21 Tobacco 8 lbs a 16 cts	\$ 1 58
June 15	"	" 6 lbs Tobacco a 16 cts	96
23	"	" 8 pipes	08
July 29	"	" 1 " " Backknife	27
July 29	"	" 2 Thin Shirts a 64 1 jumper 70	1 98
August 21	"	" 12 Pipes 12 cts	12
Sept 10	"	" 1 " " Bee Shirt & 2 Duck Pants 100	3 57
"	"	" 2 oz Thread a 6	12
"	"	" Spoon & Jackknife 27	34
"	"	" 6 lbs Tobacco a 20	1 20
Oct 17	"	" 1 " " Straw Hat 21 Pair Shoes 114	1 35
Dec 4	"	" 1 " " Straw Hat 21	0 21
"	"	" Cash at Makep 250 at 30 Percent	3 25
Jan 9	"	" 1 " " Thread 12 1/2 cts Needle 6	18 1/2
" 17	"	" 9 lbs Tobacco a 20 cts	1 80
Feb 11	"	" 1 " " Potec Pan 20 Spoon 7 Denim Pants 64 Belt 20	1 31
March 4	"	" 6 lbs Oil Soap a 10 cts	60
April 4	"	" 2 Jersey Shirts 130 Duck Pants 100 Blue Pants 64	4 24
"	"	" 1 " " Jackknife 25 Cash at Johanna 98	1 23
"	"	" 1 " " Jackknife 25 Spoon 7	32
June 11	"	" 7 lbs Tobacco a 20	1 40
July 20	"	" 1 " " Jersey Shirt	1 80
" 30	"	" 102 Thread 12 1/2 Needle 12 1/2 Sheath knife	46
Aug 18	"	" 1 " " Sheath knife 21 cts	21
Sept 16	"	" 1 " " Sheath knife 21 cts	21
22	"	" 6 lbs Tobacco a 20 cts	1 20
Sept 28	"	" 1 " " Tin Pot 20 cts	20
Dec 15	"	" 1 " " Straw Hat 37	37
" 30	"	" 17 1/2 lbs Tobacco a 20	34
" 30	"	" 1 " " Straw hat A mistake	37
Dec 30	"	" 1 " " Hector pants 110 Cotton Shirt 64	1 74
"	"	" 1 " " Thick Pants 182 " " Hat 100	2 82
"	"	" 1 " " Calico Shirt	70
March 25	"	" 1 " " Calico Shirt 70 Cotton Shirts 4	1 34
"	"	" 1 " " Monkey Jacket - jumper	

\$41.63

C

Edward A Higgins

1855 - Daniel McDonald

Apr

~~June 1st. To three dollars cash a 30 April 3 or~~
~~Sept. 1st. Appoint official the 20~~
~~of September~~

Mrs

Edie. M. Weeks.

William Howell 197		Dr
June 55	Cash at Johanna \$3.00	\$ 3.00
Sept 10 55	1 Pair Shoes	1.14
	1 3/4 Thread 26	18
	1 Palmleaf Hat 21	21
Nov 13 55	1 Pair Duck Pants 1.00 Calico Shirt 70 Cts	1.70
March 4 56	1 Cash at Market \$6.50 at 30 percent	8.45
	1 12 lbs Oil Soap at 10 cts	1.20
April 4	1 Two Jersey Shirts 1.30 2 Denim Pants 64 2 Gumpers 70	5.28
	1 1/4 " Needle 6	0.06
May 18	1 Cash at Johanna	3.90
	1 Cash at	1.30
June 11	1 Gackinse 2 7/16 lbs Tobacco at 20	1.47
July 30	1 Cash in Johanna	1.30
	1 10 lbs Tobacco at 20 cts	2.00
Sept 22	1 4 lbs Tobacco at 20 cts	.80
Oct 14	1 3 yds Cotton Drilling at 22	.66
Dec 30	1 3 lbs Tobacco at 20 cts	.60
	1 Jersey Shirt	1.30
Jan 17 57	1 Jersey Dress 1.20 1 Jersey Drawers 90	2.20
	1 Two Striped Cotton Shirts 64	1.28
Feb 14	1 Jersey Drawers	.90
March 2	1 3 Sheath Knives at 21 cts	.63
"	1 Pair Blankets	2.19
"	1 Cash at Johanna	1.30
"	1 Pair Stockings	.70

I have again taken account of my
 goods and find I have to
 pay for my bills in the year
 1857 \$ 8.64

I Bought some Corn which I paid
 48
 I Bought some Flour which I paid
 17
 I Bought some Sugar which I paid
 70
 I Bought some Tea which I paid
 30
 I have Bought some Corn which I paid
 88
 I have Bought some Flour which I paid
 53



I Am Agreed to keep an account
 of how many pounds of Pottery
 I can sell in the year 1864

1	6.00	12
2	6.00	12
3	6.00	12
4	6.00	12
5	6.00	12
6	6.00	12
7	6.00	12
8	6.00	12
9	6.00	12
10	6.00	12
11	6.00	12
12	6.00	12

Have sold on 1st for which I received 500

Butter

It did it



36 poured 1/2 for my eggs

to day
the 17th July

$$\begin{array}{r}
 36 \\
 \hline
 108 \\
 18 \\
 \hline
 126 \\
 36 \\
 \hline
 162 \\
 3 \\
 \hline
 486
 \end{array}$$

$$\begin{array}{r}
 55 \\
 2 \\
 \hline
 110 \\
 36 \\
 \hline
 146
 \end{array}$$

$$\begin{array}{r}
 50 \\
 33 \\
 \hline
 83 \\
 8 \\
 \hline
 91
 \end{array}$$

Please to Desmiss at
 B P P

133

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 Edward E E
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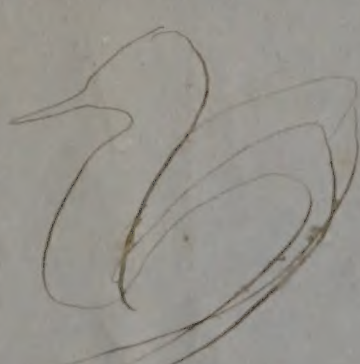
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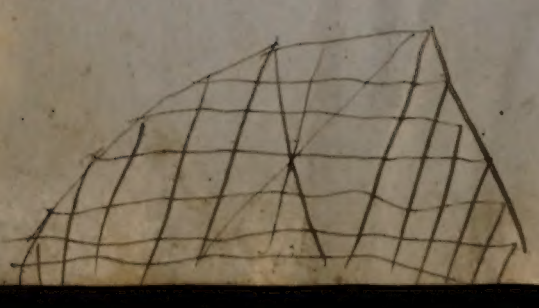
partime

Maaf

—

Edward
Edward A.

Handwritten scribbles and signatures, including a large 'H' and various illegible cursive marks.



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 Have constantly on hand a large assortment of
 Charts & Nautical Instruments,
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